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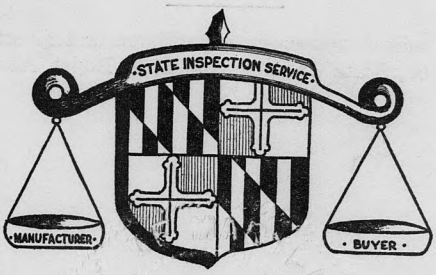
COMMERCIAL FERTILIZERS

This publication contains the results of chemical examinations upon fertilizer samples secured from dealers or in transit in Maryland from January 1 to August 1, 1929, together with a general resume of the tonnage marketed during 1928.



STATE FERTILIZER DEPARTMENT
Controlled by
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD.

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COMMERCIAL FERTILIZERS

JANUARY 1, 1929—AUGUST 1, 1929

Compiled and edited under the supervision and direction of L. B. Broughton, State Chemist, and L. E. Bopst, Associate.

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INTRODUCTION

In accordance with the requirements of the State Fertilizer Law, 787 official samples of commercial fertilizers were secured from dealers' warehouses or in transit from January 1 to August 1, 1929, and are covered by approximately 879 registrations. These samples are classified as follows:

Five hundred and seventy-six complete fertilizers, containing ammonia, superphosphate, and potash; 28 superphosphate and potash fertilizers supplying available phosphoric acid and water-soluble potash; 53 samples of superphosphate, furnishing available phosphoric acid; 18 ground-bone fertilizers, warranted for ammonia and total phosphoric acid; 11 ammonia and superphosphate fertilizers, and the last named group termed "miscellaneous," into which were placed 90 samples of tankage, sulphate of ammonia, nitrate of soda, kainit, and muriate of potash.

It is noted from this report that certain sales showed deficiencies in ammonia. A comparison of these ammonia deficiencies with the same period last year indicates some improvement, in that the degree of deficiency was not as great as previously experienced. This indicates some constructive effort on the part of the industry to eliminate such happenings. However, it is necessary for additional precautionary measures to be instigated, particularly on those brands guaranteed to contain seven and ten per cent. of ammoniated plant food. It is sincerely hoped that the industry will voluntarily take such action and thereby relieve the Control Service from instigating procedure, which cannot help but embarrass all parties concerned.

MARYLAND TONNAGE INFORMATION

At the close of each calendar year, fertilizer manufacturers are required by law to submit a sworn statement as to the number of tons of each brand sold. From these individual tonnage reports the department prepares, in tabulated form, information concerning the amounts and the different kinds of goods marketed in this State for the previous year. This information is hereby offered readers of this publication.

MARYLAND FERTILIZER FACTS FOR 1928

Number of firms registered	96
Number of brands registered	972
Number of analyses registered	168
Number of complete fertilizers	126
Number of ammonia and superphosphate mixtures	6
Number of superphosphate and potash mixtures	12

Total tonnage	173,159.06
Tons of nitrogen	3,580.08
Tons of phosphoric acid	11,047.60
Tons of potash	7,070.56
Complete fertilizer tonnage	128,433.20
Ammonia and superphosphate	233.80
Phosphoric acid and potash tonnage	17,075.79
Superphosphate tonnage	14,638.83
Miscellaneous	12,777.44
Tonnage of out-of-State firms	7,240.53

Mixed Fertilizers Containing 14 or More Units of Plant Food

Complete fertilizers	120,843.20
Ammonia and superphosphate mixtures	127.80
Superphosphate and potash mixtures	16,865.79
Total	137,836.79

FIFTEEN BRANDS SHOWING LARGEST TONNAGE, 1928

Analysis	Units of Plant Food	Tons Sold	Analysis	Units of Plant Food	Tons Sold
2-8-5	15	29,155.69	2-12-4	18	3,706.28
0-12-5	17	14,336.79	4-8-7	19	3,587.29
0-16-0	16	14,093.03	3-8-8	19	2,831.51
7-6-5	18	13,205.38	2-9-3	14	2,623.53
5-8-5	18	12,059.36	Kainit	--	2,337.20
1-9-4	14	10,624.84	2-9-2	13	2,234.60
4-8-4	16	5,259.89	2-12-2	16	2,219.75
2-8-10	20	4,285.10			

TONNAGE OF MARYLAND STANDARD BRANDS

Analysis	Units of Plant Food	Tons Sold	Analysis	Units of Plant Food	Tons Sold
2-8-5	15	29,155.69	3-8-8	19	2,831.51
0-12-5	17	14,336.79	5-8-7	20	805.10
7-6-5	18	13,205.38	9-5-2	16	----
5-8-5	18	12,059.36			
2-8-10	20	4,285.10	Total tons sold		80,385.21
2-12-4	18	3,706.28			

12164 for tons

TONNAGE REPORT OF THE VARIOUS GRADES OF FERTILIZERS USED IN MARYLAND IN 1928

Guaranteed	Tons	Guaranteed	Tons
½-9-4	250.	3-8-4	263.75
½-10-4	1,367.	3-8-5	894.20
1-6½-1½	40.	3-8-6	232.
1-8-3	377.	3-8-7	2,058.
1-8-4	1,391.20	3-8-8	2,831.51
1-8-5	189.50	3-9-3	4.
1-8-6	116.	3-10-3	27.
1-9-3	1,166.50	3-10-6	1,340.70
1-9-4	10,624.84	3-12-3	187.2
1-9-5	135.25	3-12-5	202.40
1-9-8	204.	3-12-6	15.
1-10-2	805.50	3.65-5-3	1.50
1-10-3	1,298.75	4-6-5	166.
1-10-4	620.	4-7-3	13.50
1-10-5	2,210.25	4-8-3	2.
1-10-6	41.75	4-8-4	5,259.89
1-11-2	100.	4-8-5	1,711.10
1-11-4	645.	4-8-6	1,224.10
1-11-5	344.25	4-8-7	3,587.29
1-12-5	144.	4-8-10	1,481.30
1-14-5	64.50	4-10-6	20.
1¼-9-1½	27.75	4-12-4	198.
1¼-9-3	55.	4-14-4	8.
1¼-9-4	92.	4-16-4	529.70
1¼-10-2	536.90	4-16-6	65.
1½-12-5	365.	4-16-10	216.45
1¾-10-3	211.	4½-8-2	47.40
1¾-10¼-2	98.	5-6-5	86.
2-7-7	336.	5-7-3	44.
2-8-2	155.	5-7-5	1,243.
2-8-3	603.15	5-7-7	5.
2-8-4	100.	5-8-3½	2.5
2-8-5	29,155.69	5-8-4	10.
2-8-6	331.34	5-8-5	12,059.36
2-8-7	13.	5-8-7	805.10
2-8-10	4,285.1	5-10-5	167.
2-9-2	2,234.60	5-15-5	16.
2-9-3	2,623.53	6-5-4	6.5
2-9-5	1,840.70	6-6-2	43.
2-9-6	131.25	6-6-6	146.3
2-10-2	90.	6-6-7	241.
2-10-4	213.	6-8-4	106.50
2-10-5	667.10	6-8-6	14.
2-10-6	279.25	6-8-8	50.25
2-10-7	124.	6-8-10	80.
2-12-2	2,219.75	6-10-4	2.93
2-12-3	150.	7-4-7	7.90
2-12-4	3,706.28	7-6-5	13,205.38
2-12-5	397.66	7-8-3	23.
2-12-6	1,391.	7-12-7	219.
2-12-8	62.	8-4-2	19.75
2-16-4	8.25	8-6-5	7.37
2-16-8	949.13	8-7-6	31.
2¼-10-4	116.70	10-4-2	176.
2½-8-4	19.	10-5-2	443.80
2½-10-½	7.25	10-9-8	10.
2½-10-3	12.	5-8-0	106.
2½-10-4	10.	10-5-0	127.80
3-0-5	55.92	0-7-5	210.
3-8-3	821.90	0-7-7	332.

Guaranteed	Tons	Guaranteed	Tons
0-8-6	140.50	Muriate of potash	590.
0-8-7	52.	Manure salts	79.
0-10-4	110.50	Sulphate of potash	90.
0-10-5	815.25	Nitrate of soda	1,678.09
0-10-8	27.	Sulphate of ammonia	361.05
0-10-10	88.75	Bone meal 4½-48	880.71
0-12-5	14,336.79	Mone meal 3-50	468.30
0-12-6	700.	Tankage	196.13
0-12-10	59.	Blood meal	6.
0-13-7	204.	Sheep and goat manure	94.
0-14-0	52.	Sheep manure	407.48
0-16-0	14,093.03	Cattle manure	30.60
0-18-0	69.	Fish meal	16.50
0-20-0	424.80	Cultures	2.
Lime and phosphate	1,080.84	Miscellaneous	73.19
Lime and potash	77.34	Mixed to order	4,253.09
Kainit	2,337.2	Total tonnage	173,159.06

VALUES FOR SPRING OF 1929

Since the analysis in our laboratory gives the percentage or pounds per hundred, it is only necessary to multiply the price per pound by 20 in order to get the value of one per cent. for one ton of fertilizer. This is designated in the following table as the value per unit. A unit is one per cent. of one ton or 20 pounds.

Table for Calculating Fertilizer Values:

	Per Unit
(1) Nitrogen calculated as ammonia	$4.00
(2) Available phosphoric acid	
(a) In mixed fertilizers or in dissolved rock	.80
(b) In tankage or ground bone	.60
(3) Insoluble phosphoric acid	.15
(4) Potash	.80

The values given above are not for the purpose of fixing the commercial value of mixed fertilizers, but are for comparative purposes only. They are furnished to be used in comparing the value of the plant food found by our chemists with that guaranteed by the manufacturer. They can be used advantageously by fertilizer purchasers in calculating the relative values of the various brands offered for sale by the different manufacturers.

TABLES

The following pages contain a detailed report of the results obtained in the inspection of fertilizers from January 1 to August 1, 1929.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Agricultural Corp. of Maryland, Baltimore, Md.													
Maryland Farm Bureau 2-8-10	Baltimore	**1.67**	1.60	**1.98**	2.00	**1.35**		**8.05**	8.00	**10.36**	10.00	$**22.85**	$22.40
Maryland Farm Bureau 2-8-5	Street	**1.67**	1.60	**1.98**	2.00	**1.20**		**8.60**	8.00	**5.24**	5.00	**19.17**	18.40
Maryland Farm Bureau 0-12-5	Street					**.70**		**12.60**	12.00	**5.30**	5.00	**14.43**	13.60
Maryland Farm Bureau 2-12-4	Street	**1.79**	1.60	**2.08**	2.00	**1.40**		**12.80**	12.00	**4.12**	4.00	**22.07**	20.80
American Agricultural Chem. Co., New York, N. Y.													
AA Superphosphate	Baltimore					**.80**		**17.00**	16.00			**13.72**	12.80
AA Superphosphate	Baltimore					**1.15**		**17.05**	16.00			**13.81**	12.80
AA Acme Fertilizer	Baltimore	**.82**	.43	**1.06**	1.00	**.60**		**9.60**	9.00	**4.20**	4.00	**15.37**	14.40
AA Acme Fertilizer	Baltimore	**.65**	.43	**1.06**	1.00	**.75**		**10.35**	9.00	**4.04**	4.00	**15.86**	14.40
Agrico for Corn	Baltimore	**2.68**	1.52	**3.11**	3.00	**.65**		**10.55**	10.00	**6.32**	6.00	**26.04**	24.80
Agrico for Corn	Baltimore	**2.49**	1.52	**3.04**	3.00	**.50**		**11.20**	10.00	**6.34**	6.00	**26.27**	24.80
Agrico for Corn	Baltimore	**2.72**	1.52	**2.99**	3.00	**1.25**		**10.05**	10.00	**6.38**	6.00	**25.29**	24.80
Agrico for Potatoes	Baltimore	**3.67**	2.13	**4.03**	4.00	**.50**		**8.50**	8.00	**6.38**	6.00	**28.10**	27.20
Agrico for Potatoes	Boring	**3.74**	2.13	**4.04**	4.00	**.85**		**8.35**	8.00	**6.30**	6.00	**28.01**	27.20
Agrico for Potatoes	Baltimore	**3.90**	2.13	**4.16**	4.00	**.55**		**8.85**	8.00	**6.24**	6.00	**28.79**	27.20
Agrico for Truck	Baltimore	**4.40**	3.28	**4.91**	5.00	**.65**		**10.25**	10.00	**5.34**	5.00	**32.21**	32.00
AA Basic Lime Phosphate	Baltimore					**1.40**		**13.40**	13.00			**10.93**	10.40
AA Basic Lime Phosphate	Baltimore					**1.25**		**14.25**	13.00			**11.59**	10.40
AA Basic Lime Phosphate	Baltimore					**1.20**		**13.70**	13.00			**11.14**	10.40
AA Early Trucker Fertilizer	Baltimore	**4.50**	2.92	**4.98**	5.00	**.55**		**8.65**	8.00	**5.20**	5.00	**31.08**	30.40
AA Early Trucker Fertilizer	Baltimore	**4.46**	2.92	**4.90**	5.00	**.80**		**8.00**	8.00	**5.32**	5.00	**29.58**	30.40
AA Early Trucker Fertilizer	Upper Marlboro	**4.57**	2.92	**4.98**	5.00	**.35**		**8.65**	8.00	**5.28**	5.00	**31.11**	30.40
Fine Ground Bone	Cumberland			**3.04**	3.00			*__27.40__	*22.88			**28.60**	25.73
Fine Ground Bone	Upper Marlboro			**2.66**	3.00			*__29.00__	*22.88			**28.04**	25.73
AA Gladiator Fertilizer	Grantsville	**3.82**	2.13	**4.11**	4.00	**.70**		**8.70**	8.00	**7.04**	7.00	**29.14**	28.00
AA Gold Eagle Fertilizer	Baltimore	**2.79**	1.52	**3.17**	3.00	**.65**		**9.35**	8.00	**8.00**	8.00	**26.66**	24.80
AA Gold Eagle Fertilizer	Baltimore	**2.73**	1.52	**2.99**	3.00	**.75**		**8.15**	8.00	**9.24**	8.00	**25.98**	24.80
AA Gold Eagle Fertilizer	Baltimore	**2.85**	1.52	**3.02**	3.00	**.85**		**8.35**	8.00	**8.36**	8.00	**25.58**	24.80
AA Gold Eagle Fertilizer	Upper Marlboro	**2.87**	1.52	**3.11**	3.00	**.60**		**8.30**	8.00	**8.38**	8.00	**25.87**	24.80
AA Golden Leaf Tob. Fert. (Sulphate)	Baltimore	**3.65**	2.13	**4.04**	4.00	**1.05**		**8.45**	8.00	**7.10**	7.00	**28.76**	28.00
AA Golden Leaf Tob. Fert. (Sulphate)	Baltimore	**3.57**	2.13	**4.01**	4.00	**.65**		**8.75**	8.00	**7.30**	7.00	**28.98**	28.00

AA Golden Leaf Tob. Fert. (Sulphate)	Baltimore	**3.65**	2.13	**4.04**	4.00	**1.05**		**8.45**	8.00	**7.10**	7.00	**28.76**	28.00
AA Golden Leaf Tob. Fert. (Sulphate)	Baltimore	**3.57**	2.13	**4.01**	4.00	**.65**		**8.75**	8.00	**7.30**	7.00	**28.98**	28.00
AA Golden Leaf Tob. Fert. (Sulphate)	Baltimore	**3.67**	2.13	**3.99**	4.00	**1.00**		**8.80**	8.00	**7.30**	7.00	**28.99**	28.00
AA Golden Leaf Tob. Fert. (Sulphate)	Waldorf	**3.70**	2.13	**4.01**	4.00	**.50**		**8.80**	8.00	**7.80**	7.00	**29.40**	28.00
AA Golden Leaf Tob. Fert. (Sulphate)	Baltimore	**3.76**	2.13	**4.20**	4.00	**.50**		**8.60**	8.00	**7.12**	7.00	**29.46**	28.00
AA Golden Leaf Tob. Fert. (Sulphate)	Baltimore	**3.72**	2.13	**4.15**	4.00	**.55**		**8.75**	8.00	**7.04**	7.00	**29.31**	28.00
AA Golden Leaf Tob. Fert. (Sulphate)	Baltimore	**3.70**	2.13	**4.11**	4.00	**.40**		**9.00**	8.00	**7.00**	7.00	**29.84**	28.00
AA Golden Leaf Tob. Fert. (Sulphate)	Baltimore	**3.54**	2.13	**4.03**	4.00	**.50**		**9.20**	8.00	**7.14**	7.00	**29.27**	28.00
AA Golden Leaf Tob. Fert. (Sulphate)	Baltimore	**3.64**	2.13	**3.98**	4.00	**.45**		**8.65**	8.00	**7.12**	7.00	**28.61**	28.00
AA Golden Leaf Tob. Fert. (Sulphate)	Baltimore	**3.60**	2.13	**3.99**	4.00	**.40**		**9.00**	8.00	**7.16**	7.00	**28.95**	28.00
Kainit	Baltimore									**12.68**	12.40		
Kainit	Baltimore									**12.56**	12.40		
AA Kangaroo Komplete Kompound	Baltimore	**1.73**	1.03	**2.05**	2.00	**.70**		**10.00**	9.00	**3.08**	3.00	**18.77**	17.60
AA Kangaroo Komplete Kompound	Baltimore	**1.74**	1.03	**2.12**	2.00	**.70**		**9.50**	9.00	**3.48**	3.00	**18.97**	17.60
AA Kangaroo Komplete Kompound	Baltimore	**1.68**	1.03	**2.06**	2.00	**.80**		**9.60**	9.00	**3.26**	3.00	**18.65**	17.60
AA Monarch Fertilizer	Upper Marlboro	**3.77**	2.13	**4.01**	4.00	**.50**		**8.30**	8.00	**4.24**	4.00	**26.15**	25.60
AA Monarch Fertilizer	Baltimore	**3.79**	2.13	**4.13**	4.00	**.45**		**9.25**	8.00	**4.32**	4.00	**27.45**	25.60
Muriate of Potash	Upper Marlboro									**48.00**	48.00		
AA Neptune Fish Fertilizer	Baltimore	**.90**	.43	**1.04**	1.00	**.65**		**9.45**	9.00	**4.34**	4.00	**15.29**	14.40
AA Neptune Fish Fertilizer	Clements	**.82**	.43	**1.08**	1.00	**.70**		**9.90**	9.00	**4.04**	4.00	**15.58**	14.40
AA Neptune Fish Fertilizer	Baltimore	**.77**	.43	**1.08**	1.00	**.75**		**9.55**	9.00	**4.24**	4.00	**15.46**	14.40
Nitrate of Soda	Upper Marlboro			**18.44**	18.23								
AA Old Hickory Fertilizer	Baltimore	**1.82**	1.03	**2.13**	2.00	**.85**		**8.55**	8.00	**10.38**	10.00	**23.79**	22.40
AA Old Hickory Fertilizer	Baltimore	**1.88**	1.03	**2.12**	2.00	**.75**		**8.55**	8.00	**10.00**	10.00	**23.43**	22.40
AA Old Hickory Fertilizer	Providence	**1.69**	1.03	**2.00**	2.00	**1.05**		**8.35**	8.00	**10.16**	10.00	**22.97**	22.40
Pulverized Sheep and Goat Manure	Baltimore			**1.69**	1.50			***1.10**	*1.00	**3.02**	2.00	**9.84**	8.20
Pulverized Sheep and Goat Manure	Upper Marlboro			**1.69**	1.50			***.80**	*1.00	**2.67**	2.00	**9.38**	8.20
Pulverized Sheep and Goat Manure	Hyattsville			**1.74**	1.50			***1.50**	*1.00	**3.20**	2.00	**10.42**	8.20
AA 10% Plant Bed Fertilizer	Baltimore	**9.36**	6.08	**10.16**	10.00	**.30**		**6.40**	5.00			**45.81**	44.00
AA 10% Plant Bed Fertilizer	Baltimore	**9.30**	6.08	**10.12**	10.00	**.35**		**5.75**	5.00			**45.13**	44.00
AA 10% Plant Bed Fertilizer	Baltimore	**9.31**	6.08	**10.11**	10.00	**.40**		**5.70**	5.00			**45.06**	44.00
Pure Raw Bone	Baltimore			**4.98**	4.50			***22.20**	*20.60			**33.24**	30.36
Pure Raw Bone	Upper Marlboro			**5.09**	4.50			***21.80**	*20.60			**33.44**	30.36
Pure Raw Bone	Baltimore			**5.03**	4.50			***22.20**	*20.60			**33.44**	30.36
AA Red Dog Fertilizer	Baltimore	**1.69**	1.03	**2.00**	2.00	**.80**		**8.40**	8.00	**5.00**	5.00	**18.84**	18.40
AA Red Dog Fertilizer	Baltimore	**2.19**	1.03	**2.51**	2.00	**.70**		**8.60**	8.00	**5.20**	5.00	**21.19**	18.40
AA Red Dog Fertilizer	Baltimore	**1.84**	1.03	**2.20**	2.00	**.65**		**8.35**	8.00	**5.32**	5.00	**19.84**	18.40
AA Red Dog Fertilizer	Baltimore	**1.71**	1.03	**1.98**	2.00	**.60**		**8.50**	8.00	**5.28**	5.00	**19.03**	18.40
AA Red Dog Fertilizer	Baltimore	**1.64**	1.03	**1.96**	2.00	**.75**		**8.55**	8.00	**5.20**	5.00	**18.95**	18.40
AA Red Leaf Tob. Fert. (Sulphate)	Baltimore	**3.52**	2.13	**4.08**	4.00	**.85**		**8.25**	8.00	**10.38**	10.00	**31.35**	30.40
AA Red Leaf Tob. Fert. (Sulphate)	Baltimore	**3.61**	2.13	**4.04**	4.00	**.60**		**8.50**	8.00	**10.12**	10.00	**31.15**	30.40
AA Red Leaf Tob. Fert. (Sulphate)	Baltimore	**3.65**	2.13	**3.99**	4.00	**.65**		**8.55**	8.00	**10.36**	10.00	**31.19**	30.40
AA Red Leaf Tob. Fert. (Sulphate)	Baltimore	**3.61**	2.13	**4.04**	4.00	**.55**		**9.05**	8.00	**10.00**	10.00	**31.48**	30.40

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
American Agricultural Chem. Co., New York, N. Y.(Continued)													
Sulphate of Ammonia	Baltimore	.....	.....	**25.00**	24.50	.....	.....	.....	.....	.....	.....	.....	.....
Sulphate of Ammonia	Upper Marlboro	.....	.....	**24.98**	24.50	.....	.....	.....	.....	.....	.....	.....	.....
Sulphate of Potash	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**48.10**	48.00	.....	.....
Sweepstakes Tob. Fertilizer (Sulphate)	Baltimore	**2.75**	1.52	**3.09**	3.00	**.70**	.....	**8.50**	8.00	**3.24**	3.00	**$21.86**	$20.80
Sweepstakes Tob. Fertilizer (Sulphate)	Baltimore	**2.74**	1.52	**3.12**	3.00	**.90**	.....	**8.00**	8.00	**3.16**	3.00	**21.55**	20.80
Sweepstakes Tob. Fertilizer (Sulphate)	Baltimore	**2.77**	1.52	**3.11**	3.00	**.60**	.....	**8.40**	8.00	**3.20**	3.00	**21.81**	20.80
AA 10% Tob. Bed Fert. (Sulphate)	Upper Marlboro	**9.39**	6.08	**10.16**	10.00	**.40**	.....	**5.40**	5.00	**2.36**	2.00	**46.91**	45.60
AA Tomato Fertilizer	Hurlock	**1.60**	.....	**1.98**	2.00	**.70**	.....	**9.30**	8.00	**5.00**	5.00	**19.47**	18.40
Detrick's Gold Basis Fertilizer	Upper Marlboro	**6.41**	4.13	**6.96**	7.00	**.35**	.....	**6.75**	6.00	**5.00**	5.00	**37.29**	36.80
Listers Superphosphate	Baltimore	.....	.....	.....	.....	**.75**	.....	**17.55**	16.00	.....	.....	**14.15**	12.80
Listers Superphosphate	Baltimore	.....	.....	.....	.....	**1.20**	.....	**16.30**	16.00	.....	.....	**13.22**	12.80
Listers Harvest Queen Fertilizer	Baltimore	**1.66**	1.03	**2.00**	2.00	**.70**	.....	**8.70**	8.00	**5.40**	5.00	**19.39**	18.40
Listers Regal Fertilizer	Baltimore	**3.61**	2.13	**3.99**	4.00	**.50**	.....	**8.50**	8.00	**4.32**	4.00	**26.30**	25.60
Patapsco Superphosphate	Baltimore	.....	.....	.....	.....	**.75**	.....	**17.65**	16.00	.....	.....	**14.23**	12.80
Patapsco Big Chief Fertilizer	Baltimore	**1.70**	1.00	**2.08**	2.00	**1.15**	.....	**8.25**	8.00	**5.48**	5.00	**19.47**	18.40
Patapsco Unexcelled Fertilizer	Baltimore	**3.71**	2.13	**4.03**	4.00	**.70**	.....	**8.50**	8.00	**4.16**	4.00	**26.36**	25.60
Slingluff's Plant Bed Fertilizer	Baltimore	**9.30**	6.08	**9.97**	10.00	**.35**	.....	**6.05**	5.00	**2.28**	2.00	**46.59**	45.60
Slingluff's Plant Bed Fertilizer	Baltimore	**9.56**	6.08	**10.29**	10.00	**.40**	.....	**5.40**	5.00	**2.32**	2.00	**47.40**	45.60
Slingluff's Plant Bed Fertilizer	Baltimore	**9.59**	6.08	**10.36**	10.00	**.35**	.....	**5.65**	5.00	**2.34**	2.00	**47.88**	45.60
Slingluff's Plant Bed Fertilizer	Baltimore	**9.52**	6.08	**10.36**	10.00	**.40**	.....	**5.50**	5.00	**2.12**	2.00	**47.60**	45.60
Armour Fertilizer Works, Baltimore, Md.													
Big Crop Superphosphate	Baltimore	.....	.....	.....	.....	**.45**	.....	**17.15**	16.00	.....	.....	**13.79**	12.80
Big Crop Superphosphate	Clinton	.....	.....	.....	.....	**.40**	.....	**17.70**	16.00	.....	.....	**14.22**	12.80
Big Crop Superphosphate	Baltimore	.....	.....	.....	.....	**.45**	.....	**17.35**	16.00	.....	.....	**13.95**	12.80
Big Crop Superphosphate	Baltimore	.....	.....	.....	.....	**.60**	.....	**17.20**	16.00	.....	.....	**13.85**	12.80
Lime Phosphate	Baltimore	.....	.....	.....	.....	**1.15**	.....	**13.65**	13.00	.....	.....	**11.09**	10.40
Big Crop 5-8-5	Baltimore	**4.71**	2.50	**5.03**	5.00	**.40**	.....	**8.70**	8.00	**5.16**	5.00	**31.27**	30.40
Big Crop 5-8-5	Baltimore	**4.61**	2.50	**4.93**	5.00	**.40**	.....	**8.60**	8.00	**5.16**	5.00	**30.79**	30.40
Big Crop 5-8-5	Baltimore	**4.87**	2.50	**5.19**	5.00	**.55**	.....	**8.15**	8.00	**5.00**	5.00	**31.36**	30.40
Big Crop 5-8-5	Baltimore	**4.58**	2.50	**4.89**	5.00	**.45**	.....	**8.65**	8.00	**5.24**	5.00	**30.74**	30.40
Big Crop 5-8-5	Clinton	**4.78**	2.50	**5.12**	5.00	**.30**	.....	**9.40**	8.00	**4.72**	5.00	**31.83**	30.40

Big Crop 5-8-5	Baltimore	**4.58**	2.50	**4.89**	5.00	**.45**		**8.65**	8.00	**5.24**	5.00	**30.74**	30.40
Big Crop 5-8-5	Clinton	**4.78**	2.50	**5.12**	5.00	**.30**		**9.40**	8.00	**4.72**	5.00	**31.83**	30.40
Big Crop 5-15-5	Baltimore	**4.88**	2.50	**5.05**	5.00	**.15**		**15.25**	15.00	**5.73**	5.00	**37.00**	36.00
Big Crop 4-8-4	Baltimore	**3.64**	2.00	**3.98**	4.00	**.55**		**8.45**	8.00	**4.10**	4.00	**26.04**	25.60
Big Crop 4-8-4	Baltimore	**3.74**	2.00	**4.06**	4.00	**.45**		**8.55**	8.00	**4.20**	4.00	**26.51**	25.60
Big Crop 4-8-4	Baltimore	**3.67**	2.00	**3.99**	4.00	**.45**		**8.85**	8.00	**4.28**	4.00	**26.53**	25.60
Big Crop 4-16-4	Baltimore	**3.96**	2.00	**4.16**	4.00	**.20**		**16.30**	16.00	**4.58**	4.00	**33.37**	32.00
Big Crop 4-16-4	Clinton	**4.15**	2.00	**4.32**	4.00	**.60**		**16.80**	16.00	**4.38**	4.00	**34.31**	32.00
Big Crop 4-16-4	Fowblesburg	**3.81**	2.00	**4.01**	4.00	**.35**		**16.95**	16.00	**4.80**	4.00	**33.49**	32.00
Big Crop 4-16-4	Rising Sun	**3.87**	2.00	**4.01**	4.00	**.30**		**16.90**	16.00	**4.54**	4.00	**33.24**	32.00
Big Crop 4-16-10	Fowblesburg	**3.90**	.....	**4.04**	4.00	**.25**		**16.55**	16.00	**10.36**	10.00	**37.73**	36.80
Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**12.68**	12.00	.....	.....
NPK 9-27-9	Cumberland	**9.05**	.....	**9.39**	9.00	**.55**	.....	**27.05**	27.00	**9.16**	9.00	**66.61**	64.80
Nitrate of Soda	Baltimore	.....	.....	**18.02**	18.00	.....	.....	.....	.....	.....	.....	.....	.....
Nitrate of Soda	Baltimore	.....	.....	**19.28**	18.00	.....	.....	.....	.....	.....	.....	.....	.....
Big Crop Raw Bone Meal	Baltimore	.....	.....	**4.78**	4.50	.....	.....	***24.00**	*21.50	.....	.....	**33.52**	30.90
Big Crop Raw Bone Meal	Elkton	.....	.....	**4.52**	4.50	.....	.....	***21.70**	*21.50	.....	.....	**31.10**	30.90
Big Crop 7-6-5	Baltimore	**6.68**	3.50	**7.06**	7.00	**.35**	.....	**6.55**	6.00	**5.10**	5.00	**37.61**	36.80
Big Crop 7-6-5	Baltimore	**6.48**	3.50	**6.79**	7.00	**.50**	.....	**6.40**	6.00	**5.04**	5.00	**36.39**	36.80
Big Crop 7-6-5	Baltimore	**6.23**	3.50	**6.54**	7.00	**.60**	.....	**6.10**	6.00	**5.34**	5.00	**35.40**	36.80
Big Crop 7-6-5	Baltimore	**6.49**	3.50	**6.75**	7.00	**.50**	.....	**6.40**	6.00	**5.38**	5.00	**36.50**	36.80
Big Crop 7-6-5	Clinton	**6.40**	3.50	**6.74**	7.00	**.25**	.....	**6.65**	6.00	**5.28**	5.00	**36.54**	36.80
Sheep and Goat Manure	Cumberland	.....	.....	**1.77**	1.50	.....	.....	***1.70**	*1.00	**3.00**	2.50	**10.50**	8.60
Big Crop Sweet Potato Grower	Baltimore	**2.52**	1.50	**3.07**	3.00	**.35**	.....	**9.05**	8.00	**8.00**	8.00	**25.97**	24.80
Big Crop Sweet Potato Grower	Baltimore	**2.97**	1.50	**3.16**	3.00	**.35**	.....	**8.95**	8.00	**8.28**	8.00	**26.47**	24.80
Big Crop Sweet Potato Grower	Baltimore	**2.97**	1.50	**3.14**	3.00	**.40**	.....	**9.10**	8.00	**8.20**	8.00	**26.46**	24.80
Big Crop 10-5-2	Baltimore	**9.65**	5.00	**10.11**	10.00	**.20**	.....	**5.20**	5.00	**2.34**	2.00	**46.50**	45.60
Big Crop 10-5-2	Baltimore	**9.66**	5.00	**10.09**	10.00	**.15**	.....	**6.65**	5.00	**2.36**	2.00	**47.59**	45.60
Big Crop 10-5-2	Baltimore	**9.81**	5.00	**10.24**	10.00	**.15**	.....	**5.95**	5.00	**2.62**	2.00	**47.84**	45.60
Big Crop 2-8-5	Ridgely	**1.90**	1.00	**2.17**	2.00	**.40**	.....	**8.10**	8.00	**6.28**	5.00	**20.24**	18.40
Big Crop 2-8-5	Rising Sun	**1.72**	1.00	**1.98**	2.00	**.30**	.....	**8.90**	8.00	**5.12**	5.00	**19.19**	18.40
Big Crop 2-8-5	Parkton	**1.82**	1.00	**2.08**	2.00	**.30**	.....	**8.70**	8.00	**5.00**	5.00	**19.33**	18.40
Big Crop 2-8-10	Clinton	**1.76**	1.00	**1.98**	2.00	**.20**	.....	**9.30**	8.00	**10.36**	10.00	**23.68**	22.40
Big Crop 2-8-10	Rising Sun	**1.87**	1.00	**2.13**	2.00	**.30**	.....	**8.00**	8.00	**10.38**	10.00	**23.27**	22.40
Big Crop 2-12-4	Fowblesburg	**1.93**	1.00	**2.15**	2.00	**.40**	.....	**12.80**	12.00	**4.00**	4.00	**22.10**	20.80
Big Crop 2-16-8	Baltimore	**1.98**	1.00	**2.05**	2.00	**.15**	.....	**17.25**	16.00	**8.50**	8.00	**28.82**	27.20
Big Crop 0-12-5	Baltimore	.....	.....	.....	.....	**.25**	.....	**13.35**	12.00	**5.34**	5.00	**14.99**	13.60
Big Crop 0-12-5	Baltimore	.....	.....	.....	.....	**.25**	.....	**12.65**	12.00	**5.92**	5.00	**14.90**	13.60
Big Crop Tobacco Grower	Baltimore	**4.88**	3.00	**5.84**	6.00	**.25**	.....	**9.15**	8.00	**4.30**	4.00	**34.16**	33.60
Big Crop Tobacco Special	Baltimore	**3.26**	2.00	**4.20**	4.00	**.30**	.....	**9.00**	8.00	**7.20**	7.00	**29.81**	28.00
Big Crop Tobacco Special	Baltimore	**3.19**	2.00	**4.15**	4.00	**.40**	.....	**8.60**	8.00	**7.28**	7.00	**29.36**	28.00
Big Crop Tomato Grower	Baltimore	**2.68**	1.50	**3.02**	3.00	**.25**	.....	**11.35**	10.00	**6.30**	6.00	**26.24**	24.80
Big Crop Tomato Grower	Baltimore	**2.87**	1.50	**3.09**	3.00	**.25**	.....	**11.95**	10.00	**6.24**	6.00	**26.95**	24.80

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Armour Fertilizer Works, Baltimore, Md. (Continued)													
Big Crop Tomato Grower	Baltimore	**2.78**	1.50	**3.09**	3.00	**.70**	.....	**10.30**	10.00	**6.28**	6.00	**$25.73**	$24.80
Big Crop Truck Grower	Mt. Lake Park	**6.64**	3.50	**6.88**	7.00	**.45**	.....	**12.25**	12.00	**7.34**	7.00	**43.26**	43.20
Big Crop Truck Grower	Baltimore	**6.41**	3.50	**6.67**	7.00	**.15**	.....	**12.55**	12.00	**7.12**	7.00	**42.44**	43.20
Associated Chemical Co., Balto., Md.													
Animal Tankage	Frederick	.....	.....	**6.31**	6.00	.....	.....	***14.60**	*13.73	.....	.....	**34.00**	32.24
Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**12.60**	12.40	.....	.....
Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**12.56**	12.40	.....	.....
Kainit	Preston	.....	.....	.....	.....	.....	.....	.....	.....	**13.60**	12.40	.....	.....
Nitrate of Soda	Baltimore	.....	.....	**18.12**	18.20	.....	.....	.....	.....	.....	.....	.....	.....
Baltimore Fertilizer Co., Balto., Md.													
Honest 16% Acid Phosphate	Baltimore	.....	.....	.....	.....	**1.25**	.....	**16.05**	16.00	.....	.....	**13.03**	12.80
Honest 1-9-4	La Plata	**.85**	.60	**1.21**	1.00	**.65**	.....	**9.45**	9.00	**4.38**	4.00	**16.00**	14.40
Honest 1-9-4	Baltimore	**.75**	.60	**1.14**	1.00	**.60**	.....	**9.40**	9.00	**4.34**	4.00	**15.64**	14.40
Honest 1-9-4	Glyndon	**.58**	.60	**.92**	1.00	**.75**	.....	**10.65**	9.00	**4.04**	4.00	**15.54**	14.40
Honest 2-8-5	La Plata	**1.74**	.60	**2.17**	2.00	**.40**	.....	**8.80**	8.00	**5.34**	5.00	**20.05**	18.40
Honest 2-8-5	Glyndon	**1.54**	.60	**1.83**	2.00	**.25**	.....	**8.95**	8.00	**5.36**	5.00	**18.81**	18.40
Honest 2-8-10	Bel Air	**1.42**	1.00	**1.86**	2.00	**.30**	.....	**8.70**	8.00	**10.36**	10.00	**22.74**	22.40
Honest 3-8-5	Baltimore	**2.62**	.60	**3.00**	3.00	**.80**	.....	**9.00**	8.00	**5.16**	5.00	**23.45**	22.40
Honest 3-8-5	Baltimore	**2.51**	.60	**2.90**	3.00	**.40**	.....	**8.50**	8.00	**5.30**	5.00	**22.70**	22.40
Honest 3-8-5	Glyndon	**2.39**	.60	**2.73**	3.00	**.20**	.....	**8.60**	8.00	**5.34**	5.00	**22.10**	22.40
Honest 3-8-5	Bel Air	**1.74**	.60	**2.35**	3.00	**1.05**	.....	**9.15**	8.00	**5.20**	5.00	**21.04**	22.40
Honest 10% Tobacco Bed Mixture	Baltimore	**8.68**	4.98	**9.99**	10.00	**.45**	.....	**4.65**	4.00	**2.76**	2.00	**45.96**	44.80
Honest Trucker	Baltimore	**4.18**	4.10	**4.59**	5.00	**.95**	.....	**8.35**	7.00	**5.24**	5.00	**29.37**	29.60
Honest Trucker	Baltimore	**4.59**	4.10	**4.85**	5.00	**.35**	.....	**8.75**	7.00	**6.90**	5.00	**31.97**	29.60
Baltimore Pulv. Co., Baltimore, Md.													
Climax Guano	Sykesville	**3.64**	2.97	**4.20**	4.00	**2.20**	.....	**7.00**	8.00	**5.38**	5.00	**27.03**	26.40
Excelsior Fertilizer	Owings Mills	**1.81**	1.21	**2.15**	2.00	**.85**	.....	**11.65**	12.00	**2.92**	2.00	**20.39**	19.20
Market Garden	Baltimore	**2.68**	.....	**3.00**	3.00	**.75**	.....	**9.95**	10.00	**6.10**	6.00	**24.95**	24.80
Market Garden	Jessups	**2.66**	.....	**3.02**	3.00	**.90**	.....	**10.25**	10.00	**6.28**	6.00	**25.44**	24.80
Nitrate of Soda	Sykesville	.....	.....	**18.67**	18.25	.....	.....	.....	.....	.....	.....	.....	.....

Excelsior Fertilizer	Owings Mills														
Market Garden	Baltimore	2.68		3.00	3.00	.75		9.95	10.00	6.10	6.00	24.95	24.80
Market Garden	Jessups	2.66		3.02	3.00	.90		10.25	10.00	6.28	6.00	25.44	24.80
Nitrate of Soda	Sykesville			18.67	18.25								
Nitrate of Soda	Jessups			18.60	18.50								
Potato and Truck Compound	Sykesville	4.57	4.00	5.00	5.00	1.05		7.75	8.00	5.40	5.00	30.68	30.40
Potato and Truck Compound	Baltimore	4.64	4.00	5.07	5.00	1.45		7.65	8.00	5.68	5.00	31.16	30.40
Potato and Truck Compound	Crownsville	4.64	2.42	5.02	5.00	.80		9.00	8.00	5.20	5.00	31.56	30.40
Potato and Truck Compound	Owings Mills	4.43	3.52	4.99	5.00	.75		8.70	8.00	5.38	5.00	31.33	30.40
Potato and Truck Compound	Jessups	4.62	3.52	5.00	5.00	.90		8.40	8.00	5.55	5.00	31.30	30.40
Raw Bone Meal	Crownsville			3.29	4.00			*25.65	*20.60			28.55	28.36
Royal Compound	Jessups	2.12	1.21	2.44	2.00	.40		12.40	12.00	4.62	4.00	23.44	20.80
Barrett Company, New York, N. Y.													
Arcadian Nitrate of Soda	Hancock			19.82	19.77								
Baugh & Sons Co., Baltimore, Md.													
The Ideal 16% Superphosphate	Baltimore					1.40		18.60	16.00			15.09	12.80
Animal Base and Potash Compound	Myersville	1.62	.90	2.13	2.00	1.00		9.20	9.00	3.20	3.00	18.59	17.60
Bone Meal	Silver Hill			3.19	3.00			*25.80	*23.00			28.24	25.80
Commercial Crop Compound	Providence	1.43	.90	1.98	2.00	.95		8.95	8.00	10.38	10.00	23.52	22.40
Commercial Crop Compound	Rising Sun	1.59	.90	2.15	2.00	1.30		8.30	8.00	10.72	10.00	24.02	22.40
Complete Animal Base Fertilizer	Baltimore	1.62	.90	2.01	2.00	1.20		8.40	8.00	5.70	5.00	19.50	18.40
Complete Animal Base Fertilizer	Clements	1.52	.90	2.01	2.00	.95		8.05	8.00	5.24	5.00	18.81	18.40
Complete Animal Base Fertilizer	Parkton	1.38	.90	1.98	2.00	1.15		8.45	8.00	5.38	5.00	19.15	18.40
Complete Animal Base Fertilizer	Baltimore	1.57	.90	1.98	2.00	.65		8.35	8.00	5.38	5.00	19.00	18.40
Double Eagle Phosphate	Waldorf	1.55	.90	2.13	2.00	.65		13.45	12.00	4.38	4.00	22.88	20.80
Double Eagle Phosphate	Baltimore	1.75	.90	2.18	2.00	.85		13.05	12.00	4.38	4.00	22.79	20.80
Double Power Fertilizer	Grantsville	3.65		4.06	4.00	.45		16.85	16.00	4.76	4.00	33.60	32.00
Dried Ground Blood	Baltimore			16.66	12.00								
Excelsior Guano	Clements	.57	.60	1.08	1.00	.80		9.40	9.00	4.36	4.00	15.45	14.40
Excelsior Guano	Rockville	.63	.60	1.11	1.00	.80		9.60	9.00	4.34	4.00	15.71	14.40
Excelsior Guano	Providence	.65	.60	1.08	1.00	.85		9.85	9.00	4.22	4.00	15.71	14.40
Fish Bone and Potash	Baltimore	3.40	2.42	4.03	4.00	1.10		8.70	8.00	4.20	4.00	26.61	25.60
Fish Bone and Potash	Silver Hill	3.76	2.42	4.36	4.00	.75		8.95	8.00	4.34	4.00	28.18	25.60
Fish Bone and Potash	Baltimore	3.59	2.42	4.20	4.00	.85		8.35	8.00	4.36	4.00	27.10	25.60
Fish Bone and Potash	Woodbine	3.47	2.42	4.03	4.00	1.30		8.80	8.00	4.16	4.00	26.69	25.60
Fish Bone and Potash	Baltimore	3.38	2.42	3.98	4.00	1.25		8.55	8.00	4.16	4.00	26.28	25.60
4-8-10	Clements	3.16	....	4.10	4.00	.75		8.65	8.00	10.64	10.00	31.94	30.40
Genuine Imported Kainit	Baltimore									12.54	12.40		
Genuine Imported Kainit	Baltimore									13.08	12.40		
Genuine Imported Kainit	Ellicott City									13.50	12.40		
Genuine Imported Kainit	Woodbine									13.40	12.40		
Ground Fish	Baltimore			10.00	10.00			*11.50	* 5.00			46.90	43.00
Half Century Perfection Brand	Grantsville	2.30		4.04	4.00	.75		8.45	8.00	7.42	7.00	28.97	28.00

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Baugh & Sons Company, Baltimore, Md. (Continued)													
Half Century Perfection Brand	Rising Sun	3.80	2.42	4.35	4.00	1.20		8.20	8.00	7.56	7.00	$30.19	$28.00
Half Century Perfection Brand	Baltimore	3.48	2.42	4.20	4.00	.85		8.65	8.00	7.04	7.00	29.48	28.00
Lime and Phosphate	Baltimore					.90		13.00	13.00			10.54	10.40
New Process 10% Guano	Baltimore	8.53	7.29	10.00	10.00	.75		5.45	5.00			44.47	44.00
New Process 10% Guano	Baltimore	8.76	7.29	10.14	10.00	.80		5.40	5.00			45.00	44.00
New Process 10% Guano	Baltimore	8.66	7.29	10.11	10.00	.75		5.45	5.00			44.91	44.00
New Process 10% Guano	Baltimore	8.18	7.29	9.82	10.00	.75		5.55	5.00			43.83	44.00
Peruvian Guano Substitute	Baltimore	4.27	3.65	5.12	5.00	1.00		9.10	8.00	5.30	5.00	32.15	30.40
Peruvian Guano Substitute	Baltimore	3.72	3.65	4.98	5.00	.90		8.90	8.00	5.16	5.00	31.31	30.40
Peruvian Guano Substitute	Baltimore	4.29	3.65	5.19	5.00	1.05		8.15	8.00	5.02	5.00	31.46	30.40
Peruvian Guano Substitute	Silver Hill	4.44	3.65	5.28	5.00	1.00		7.90	8.00	5.34	5.00	31.86	30.40
Peruvian Guano Substitute	Baltimore	4.32	3.65	5.14	5.00	.75		8.35	8.00	5.28	5.00	31.57	30.40
Phosphate and Potash Mixture	Woodbine					.65		12.95	12.00	5.16	5.00	14.59	13.60
Raw Bone Meal	Rockville			4.73	4.50			*22.50	*21.50			32.42	30.90
Sheep Manure	Ellicott City			2.92	2.43			*1.10	*1.00	1.12	2.00	13.24	11.92
Special Potato Manure	Baltimore	1.64	.90	2.15	2.00	1.00		8.80	8.00	5.32	5.00	20.05	18.40
Special Potato Manure	Rockville	1.54	.90	2.05	2.00	.85		8.45	8.00	5.28	5.00	19.31	18.40
Special Potato Manure	Myersville	1.52	.90	1.98	2.00	1.20		8.50	8.00	5.52	5.00	19.32	18.40
Special Potato Manure	Providence	1.58	.90	2.06	2.00	1.15		8.65	8.00	5.34	5.00	19.60	18.40
Special Tobacco Guano	Baltimore	2.85	2.42	3.91	4.00	1.10		8.30	8.00	4.32	4.00	25.91	25.60
Special Tobacco Guano	Clements	3.19	2.42	4.13	4.00	1.40		8.00	8.00	4.28	4.00	26.55	25.60
Special Tobacco Guano	Baltimore	3.22	2.42	4.18	4.00	1.35		8.05	8.00	4.00	4.00	26.56	25.60
Special Tobacco Guano	Baltimore	2.93	2.42	3.87	4.00	.75		8.75	8.00	4.04	4.00	25.82	25.60
Sweet Potato Guano	Baltimore	2.42	1.83	3.02	3.00	1.10		9.40	8.00	8.40	8.00	26.49	24.80
7% Potato Guano	Baltimore	5.52	4.86	6.61	7.00	.80		6.70	6.00	5.04	5.00	35.95	36.80
7% Potato Guano	Silver Hill	5.94	4.86	7.00	7.00	.55		6.25	6.00	5.54	5.00	37.51	36.80
7% Potato Guano	Baltimore	5.60	4.86	6.98	7.00	.80		7.00	6.00	5.12	5.00	37.74	36.80
7-12-7	Baltimore	5.91	4.86	6.60	7.00	1.30		12.30	12.00	7.00	7.00	42.04	43.20
Three Quarter Century Perfection	Parkton	2.44		3.00	3.00	.80		12.30	10.00	5.10	6.00	26.04	24.80
Beckley Fertilizer Co., Halfway, Md.													
Crop Grower	Halfway	.67	.31	1.01	1.00	.35		9.35	9.00	4.08	4.00	14.83	14.40
J. Bolgiano Seed Co., Baltimoe, Md.													

Beckley Fertilizer Co., Halfway, Md.															
Crop Grower	Halfway	.67	.31	1.01	1.00	.35		9.35	9.00	4.08	4.00	14.83	14.40
J. Bolgiano Seed Co., Baltimoe, Md.															
Square Deal Blood Meal	Baltimore			16.03	16.00										
Square Deal Bone Meal	Baltimore			4.95	3.00			*21.70	*22.00			32.82	25.20
Herbert Bryant's Son, Alexandria, Va.															
High Grade Fish and Potash	Bethesda	1.70	1.21	2.01	2.00	.50		8.80	8.00	3.38	3.00	17.86	16.80
High Grade Truck and Potato	Bethesda	1.63	2.42	2.71	3.00	1.15		9.75	8.00	5.16	5.00	22.94	22.40
High Grade Truck and Potato	Gaithersburg	1.69	2.42	2.75	3.00	1.70		8.90	8.00	5.20	5.00	22.54	22.40
Lime Phosphate	Bethesda					.80		13.50	13.00			10.92	10.40
Nitrate of Soda	Dickerson			18.36	18.00								
Central Chemical Company, Hagerstown, Md.															
Gro-All Dissolved Phosphate	Frederick					.65		16.35	16.00			13.18	12.80
Gro-All Best Potato Manure	Baltimore	6.76	.60	7.20	7.00	.50		7.50	6.00	4.94	5.00	38.83	36.80
Gro-All Best Potato Manure	Baltimore	6.34	.60	6.94	7.00	.40		7.10	6.00	5.50	5.00	37.90	36.80
Gro-All Best Potato Manure	Preston	6.75	.60	7.30	7.00	.55		6.95	6.00	4.60	5.00	38.52	36.80
Gro-All Crown Jewell	Frederick	1.13	.60	1.47	1.00	.75		9.45	9.00	4.64	4.00	17.26	14.40
Gro-All Crown Jewell	Motters	.67	.60	1.01	1.00	.30		9.50	9.00	4.00	4.00	14.89	14.40
Gro-All Crown Jewell	Hancock	.82	.60	1.20	1.00	.30		10.30	9.00	4.00	4.00	16.29	14.40
Gro-All Excelsior	Monrovia	1.38	.60	1.98	2.00	.80		8.70	8.00	5.38	5.00	19.30	18.40
Gro-All Excelsior	Frederick	1.77	.60	2.18	2.00	.70		8.30	8.00	5.36	5.00	19.76	18.40
Gro-All Excelsior	Smithsburg	1.59	.60	1.98	2.00	.55		9.15	8.00	5.60	5.00	19.80	18.40
Gro-All Fish and Potash Compound	Hancock	.61	.31	1.31	1.25	.80		9.50	9.00	4.28	4.00	16.38	15.40
Gro-All Golden Sheaf	Frederick	2.26	.60	2.82	3.00	1.90		12.00	12.00	5.68	5.00	25.71	25.60
Gro-All Imperial	Preston	1.59	.60	1.79	2.00	.60		8.30	8.00	10.32	10.00	22.15	22.40
Gro-All Imperial	Frederick	1.79	.60	2.13	2.00	.70		7.80	8.00	10.40	10.00	23.19	22.40
Gro-All Two Ten Four	Mt. Lake Park	1.57	.60	2.12	2.00	.50		10.40	10.00	4.56	4.00	20.53	19.20
Gro-All Potash Special	Baltimore					.50		12.10	12.00	5.56	5.00	14.21	13.60
Gro-All Potash Special	Frederick					.40		12.40	12.00	5.20	5.00	14.14	13.60
Gro-All Potato Special	Frederick	3.46	.60	4.02	4.00	.80		8.60	8.00	7.04	7.00	28.71	28.00
Gro-All Super Fish	Frederick	1.14	.60	2.08	2.00	1.10		12.20	12.00	6.92	6.00	23.79	22.40
Gro-All 0-10-10	Baltimore					.70		10.70	10.00	9.60	10.00	16.35	16.00
Gro-All 0-10-10	Preston					1.10		10.30	10.00	10.20	10.00	16.57	16.00
Gro-All Truck and Potato Special	Baltimore	4.43	.60	4.86	5.00	.80		8.90	8.00	5.38	5.00	30.98	30.40
Gro-All Truck and Potato Special	Baltimore	4.76	.60	5.14	5.00	.40		10.40	8.00	5.30	5.00	33.18	30.40
Gro-All Truck and Potato Special	Baltimore	4.71	.60	5.19	5.00	.50		8.70	8.00	5.16	5.00	31.93	30.40
Gro-All Truck and Potato Special	Preston	4.52	.60	5.00	5.00	.70		8.60	8.00	5.80	5.00	31.63	30.40
Gro-All Trucker's High Grade	Baltimore	3.82	.60	4.20	4.00	.35		8.75	8.00	4.24	4.00	27.24	25.60
Gro-All Trucker's High Grade	Baltimore	3.57	.60	3.98	4.00	.65		8.75	8.00	4.34	4.00	26.49	25.60
MBW. Wheat and Grass	Baltimore					1.20		10.10	10.00	5.40	5.00	12.58	12.00
MBW. Wheat and Grass	Baltimore					.90		10.30	10.00	5.64	5.00	12.89	12.00

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
L. E. P. Dennis & Son Company, Crisfield, Md.													
5-8-5 Fish Fertilizer	Crisfield	**4.20**	1.66	**5.02**	5.00	**.10**		**9.00**	8.00	**5.16**	5.00	$31.43	$30.40
7% Fish Fertilizer	Crisfield	**6.02**	2.34	**6.99**	7.00	**.20**		**6.90**	6.00	**5.30**	5.00	**37.75**	36.80
3-8-8 Fish Fertilizer	Crisfield	**2.81**	.85	**3.41**	3.00	**.10**		**8.80**	8.00	**8.00**	8.00	**27.10**	24.80
Devilbiss Bros., New Windsor, Md.													
Acid Phosphate	New Windsor					**.55**		**19.05**	16.00			**15.32**	12.80
Butcher House	New Windsor	**.84**	.30	**1.11**	1.00	**.75**		**10.75**	10.00	**6.52**	5.00	**18.37**	16.00
Wheat Grower	New Windsor	**.93**	.30	**1.19**	1.00	**.55**		**10.65**	9.00	**4.46**	3.00	**16.93**	12.80
Dorchester Fertilizer Company, Cambridge, Md.													
Superphosphate	Cambridge					**.60**		**17.40**	16.00			**14.01**	12.80
Dorco Champion	Cambridge	**3.66**	3.00	**4.04**	4.00	**.40**		**8.70**	8.00	**10.40**	10.00	**31.50**	30.40
Dorco Favorite	Cambridge	**1.82**	1.50	**2.06**	2.00	**.35**		**9.25**	8.00	**10.36**	10.00	**23.98**	22.40
Dorco Ideal	Cambridge	**1.79**	1.50	**2.08**	2.00	**.40**		**12.70**	12.00	**5.28**	5.00	**22.76**	21.60
Dorco Ideal	Cambridge	**1.90**	1.50	**2.10**	2.00	**.50**		**13.20**	12.00	**5.12**	5.00	**23.14**	21.60
Dorco Imperial	Cambridge	**5.89**	5.00	**6.98**	7.00	**.15**		**6.95**	6.00	**5.65**	5.00	**38.02**	36.80
Dorco Imperial	Cambridge	**5.97**	5.00	**6.52**	7.00	**.35**		**7.75**	6.00	**5.36**	5.00	**36.62**	36.80
Dorco Royal	Cambridge	**1.67**	2.00	**2.64**	3.00	**.25**		**9.65**	8.00	**8.88**	8.00	**25.42**	24.80
Dorco Royal	Cambridge	**2.32**	2.00	**2.92**	3.00	**1.10**		**8.70**	8.00	**8.40**	8.00	**25.53**	24.80
Dorco Trucker	Cambridge	**4.52**	3.75	**5.03**	5.00	**.65**		**7.75**	8.00	**5.40**	5.00	**30.74**	30.40
Dorco Trucker	Cambridge	**5.01**	3.75	**5.32**	5.00	**.30**		**8.80**	8.00	**5.20**	5.00	**32.53**	30.40
Fish Special	Cambridge	**1.43**	1.25	**1.91**	2.00	**.55**		**11.05**	10.00	**3.00**	3.00	**18.96**	18.40
Kainit	Cambridge									**14.68**	12.40		
Our Special	Cambridge	**1.35**	1.50	**2.00**	2.00	**.40**		**9.30**	8.00	**5.38**	5.00	**19.80**	18.40
Our Special	Cambridge	**1.88**	1.50	**2.05**	2.00	**.55**		**9.95**	8.00	**5.32**	5.00	**20.50**	18.40
Edelen Bros., Baltimore, Md.													
Red Tobacco Guano	Baltimore	**2.84**	.60	**3.40**	3.00	**.85**		**8.65**	8.00	**6.08**	6.00	**25.51**	23.20
Red Tobacco Guano	Baltimore	**2.66**	.60	**3.19**	3.00	**.60**		**8.90**	8.00	**6.00**	6.00	**24.77**	23.20
Red Tobacco Guano	Baltimore	**2.75**	.60	**2.99**	3.00	**.65**		**8.65**	8.00	**6.00**	6.00	**23.78**	23.20
Red Tobacco Guano	Baltimore	**2.56**	.60	**3.12**	3.00	**.55**		**8.55**	8.00	**6.00**	6.00	**24.20**	23.20

Red Tobacco Guano	Baltimore	2.75	.60	2.99	3.00	.65		8.65	8.00	6.00	6.00	23.78	23.20
Red Tobacco Guano	Baltimore	2.56	.60	3.12	3.00	.55		8.55	8.00	6.00	6.00	24.20	23.20
Red Tobacco Guano	Baltimore	2.50	.60	3.05	3.00	.65		8.35	8.00	6.00	6.00	23.78	23.20
Red Tobacco Guano	Baltimore	2.95	.60	3.51	3.00	.60		8.00	8.00	6.10	6.00	25.41	23.20
Special Tobacco with 10% Potash	Baltimore	2.74		3.18	3.00	.45		8.75	8.00	10.38	10.00	28.09	26.40
10% Tob. Bed Special with 2% Pot.	Baltimore	8.40	.60	9.85	10.00	.90		4.60	4.00	2.60	2.00	45.30	44.80
10% Tob. Bed Special with 2% Pot.	Baltimore	8.66	.60	9.85	10.00	.65		4.65	4.00	2.24	2.00	45.01	44.80
10% Tob. Bed Special with 2% Pot.	Baltimore	8.96	.60	10.07	10.00	.50		4.10	4.00	2.68	2.00	45.78	44.80
10% Tob. Bed Special with 2% Pot.	Baltimore	8.86	.60	9.85	10.00	.40		5.00	4.00	2.32	2.00	45.32	44.80
Wheat and Grain Mixture	Baltimore	.75	.31	1.09	1.00	.60		9.20	9.00	4.10	4.00	15.09	14.40
Wheat and Grain Mixture	Baltimore	.65	.31	1.08	1.00	1.15		9.75	9.00	4.12	4.00	15.59	14.40
Wheat and Grain Mixture	Baltimore	.95	.31	1.38	1.00	.90		9.30	9.00	4.36	4.00	16.59	14.40
Excell Laboratories, Chicago, Ill.													
Zenkes "New Plant Life" (Liquid)	Baltimore			1.69	1.71			*.60	*1.07	.52	.54	7.54	7.91
Farmers Fertilizer & Feed Company, Westminster, Md.													
Superphosphate	Westminster					1.15		16.15	16.00			13.09	12.80
Acid and Potash Fertilizer	Westminster					.85		12.65	12.00	5.16	5.00	14.38	13.60
Farmers' Favorite	Westminster	.88	.60	1.14	1.00	1.05		10.55	10.00	5.20	5.00	17.32	16.00
Potato Grower	Westminster	1.59	1.20	2.03	2.00	.60		8.80	8.00	5.30	5.00	19.49	18.40
XX Fertilizer	Union Bridge	.84	.60	1.04	1.00	1.50		10.20	9.00	3.48	3.00	15.33	13.60
XX Fertilizer	Westminster	.72	.60	1.06	1.00	1.30		10.20	9.00	3.60	3.00	15.48	13.60
XXX Fertilizer	Westminster	.65	.60	1.20	1.00	.90		9.60	9.00	4.38	4.00	16.12	14.40
Farmers & Planters Co., Salisbury, Md.													
Early Truck	Salisbury	3.05	2.42	3.39	4.00	1.80		7.50	8.00	5.00	4.00	23.83	25.60
Early Truck	Salisbury	3.61	2.42	3.99	4.00	1.20		8.00	8.00	4.96	4.00	26.51	25.60
Fish Mixture	Salisbury	1.88	1.52	2.32	2.00	1.20		10.60	10.00	3.40	2.00	20.66	17.60
High Grade 5%	Salisbury	4.64	3.65	4.98	5.00	.85		7.15	7.00	5.00	5.00	29.77	29.60
High Grade 5%	Salisbury	4.81	3.65	5.19	5.00	1.20		7.00	7.00	5.38	5.00	30.84	29.60
High Grade 5%	Baltimore	4.84	3.65	5.20	5.00	.90		7.00	7.00	5.20	5.00	30.70	29.60
High Grade 7%	Salisbury	6.54	4.86	6.98	7.00	.90		6.60	6.00	5.20	5.00	37.50	36.80
Special Fish Mixture	Salisbury	1.53	1.52	2.01	2.00	1.05		8.05	8.00	6.00	5.00	19.44	18.40
Special Fish Mixture	Salisbury	1.75	1.52	2.18	2.00	1.25		7.55	8.00	5.86	5.00	19.64	18.40
Sweet Potato Special	Salisbury	3.21	2.12	3.57	3.00	.70		8.40	8.00	5.92	7.00	25.85	24.00
Sweet Potato Special	Salisbury	2.24	2.12	2.55	3.00	1.40		8.30	8.00	7.02	7.00	22.67	24.00
Goding & Edwards, Zellwood, Fla.													
Domestic Fertilizer	Hyattsville	3.33		5.99	6.00	2.25		8.25	8.00	3.00	2.00	33.30	32.00

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Griffith & Boyd Co., Balto., Md.													
Acid Phosphate	Baltimore					.40		20.60	20.00			$16.54	$16.00
Acid Phosphate H. G.	Baltimore					.35		17.75	16.00			14.25	12.80
Accomac Trucker	Baltimore	3.44	1.21	4.65	5.00	1.50		8.10	6.00	5.10	5.00	29.39	28.80
Accomac Trucker	Baltimore	4.51	1.21	5.02	5.00	.45		8.15	6.00	5.40	5.00	30.99	28.80
Accomac Trucker	Baltimore	3.96	1.21	4.98	5.00	1.35		6.95	6.00	5.40	5.00	30.00	28.80
Accomac Trucker	Baltimore	3.76	1.21	5.09	5.00	.40		7.30	6.00	5.32	5.00	30.52	28.80
Accomac Trucker	Baltimore	4.11	1.21	5.19	5.00	.40		7.30	6.00	5.00	5.00	30.66	28.80
Accomac Trucker	Baltimore	4.28	1.21	5.32	5.00	.30		6.90	6.00	5.00	5.00	30.85	28.80
Blood	Baltimore			12.38	12.00								
Fish and Potash Guano	Baltimore	1.13	.36	1.64	1.75	.45		11.55	10.00	3.22	3.00	18.45	17.40
Fish and Potash Guano	Baltimore	1.12	.36	1.89	1.75	.70		10.20	10.00	3.26	3.00	18.44	17.40
Gilt Edge Crop Guano	Baltimore	1.19	.48	2.13	2.00	.50		8.50	8.00	11.12	10.00	24.30	22.40
Kainit	Baltimore									13.76	12.40		
Kainit	Baltimore									14.16	12.40		
Kainit	Baltimore									13.52	12.40		
Muriate of Potash	Baltimore									50.20	48.00		
Nitrate of Soda	Baltimore			18.48	18.00								
Nitrate of Soda	Baltimore			18.94	18.00								
Royal Potash Guano	Rising Sun	.70	.24	1.19	1.00	.55		9.75	9.00	4.20	4.00	16.00	14.40
Special Guano	Baltimore	1.28		2.00	2.00	.45		8.65	8.00	5.16	5.00	19.12	18.40
Special Potato Guano	Baltimore	3.01	.97	3.98	4.00	.40		8.40	8.00	6.20	6.00	27.66	27.20
Strawberry Guano	Baltimore	4.09	1.21	5.20	5.00	.50		7.90	7.00	7.20	7.00	32.96	31.20
Strawberry Guano	Baltimore	3.96	1.21	5.02	5.00	.35		7.75	7.00	7.40	7.00	32.25	31.20
Sulphate of Ammonia	Baltimore			24.04	24.50								
7% Potato Guano	Baltimore	5.31	1.71	6.86	7.00	.55		6.85	6.00	5.28	5.00	37.22	36.80
9% Tankage	Baltimore			8.19	9.00								
XX Potash Manure	Baltimore					.35		10.85	10.00	5.00	5.00	12.73	12.00
XX Potash Manure	Rising Sun					.15		10.85	10.00	5.34	5.00	12.97	12.00
Griffith & Turner Co., Balto., Md.													
Ammoniated Alkaline Plant Food	Baltimore	.66	.24	1.08	1.00	.45		6.75	6.50	1.90	1.50	11.31	10.40
Ammoniated Butchers Bone	Baltimore	.78	.31	1.26	1.25	.50		10.80	9.00	2.26	1.50	15.57	13.40
Animal Bone Phosphate	Baltimore	1.57	.60	2.49	2.50	2.50		10.00	10.00	2.26	1.50	20.15	19.20

Ammoniated Butchers Bone	Baltimore	.78	.31	1.26	1.25	.50		10.80	9.00	2.26	1.50	15.57	13.40
Animal Bone Phosphate	Baltimore	1.57	.60	2.49	2.50	2.50		10.00	10.00	2.26	1.50	20.15	19.20
Gritco XL Plant Food	Baltimore	5.02	1.21	5.19	5.00	.30		9.00	8.00	3.52	3.50	30.83	29.20
Soft Ground Bone	Baltimore			3.17	3.00			*9.30	*11.00			18.26	18.60
Special Truck Mixture	Baltimore	2.52	.97	3.46	4.00	.70		8.80	8.00	6.18	6.00	25.93	27.20
Tomato Grower	Baltimore	1.44	.48	2.00	2.00	.65		9.45	8.00	5.30	5.00	19.90	18.40
Gro Wer Plant Food Co., Westminster, Md.													
Gro Wer Plant Food	Westminster	3.57	5.00	5.38	8.00	1.55		6.75	7.00	3.36	6.00	29.84	42.40
Hagerstown Spray Material Co., Hagerstown, Md.													
Nitrate of Soda	Hagerstown			18.78	18.00								
Hampstead Fertilizer Company, Hampstead, Md.													
Acid Phosphate	Hampstead					.60		13.80	16.00			11.13	12.80
1-8-4	Hampstead	.48	.49	.99	1.00	.40		8.70	8.00	4.30	4.00	14.42	13.60
2-8-5	Hampstead	1.71	1.00	1.98	2.00	.25		9.35	8.00	5.32	5.00	19.70	18.40
Horsey, Roe & Co., Greensboro, Md.													
Crop Grower	Greensboro	1.01	.50	1.18	1.00	.35		9.65	9.00	5.32	4.00	16.75	14.40
5-8-5	Greensboro	4.13	3.00	5.05	5.00	1.20		9.10	8.00	4.68	5.00	31.40	30.40
3-8-4	Greensboro	2.39	1.75	3.19	3.00	1.10		8.70	8.00	4.86	4.00	23.78	21.60
2-8-10	Greensboro	1.26	1.00	2.08	2.00	.75		9.05	8.00	11.60	10.00	24.95	22.40
Hubbard Fertilizer Company, Baltimore, Md.													
Superphosphate	Baltimore					.60		20.00	20.00			16.09	16.00
Superphosphate	Baltimore					.70		17.30	16.00			13.95	12.80
Superphosphate	Baltimore					.60		17.40	16.00			14.01	12.80
Animal Tankage 9%	Baltimore			9.95	9.00			*10.90	*4.00			46.34	38.40
Farmers I. X. L.	Baltimore	1.61	1.00	2.18	2.00	.45		9.65	9.00	3.24	3.00	19.10	17.60
Farmers I. X. L.	Baltimore	1.67	1.00	2.05	2.00	.65		9.35	9.00	3.34	3.00	18.45	17.60
Jersey Trucker	Baltimore	1.66	1.00	2.00	2.00	.60		8.40	8.00	10.40	10.00	23.13	22.40
Jersey Trucker	Baltimore	1.57	1.00	2.08	2.00	.45		8.35	8.00	10.40	10.00	23.39	22.40
Jersey Trucker	Baltimore	1.64	1.00	1.98	2.00	.35		8.55	8.00	10.40	10.00	23.13	22.40
Jersey Trucker	Baltimore	1.43	1.00	1.91	2.00	.25		9.25	8.00	10.04	10.00	23.11	22.40
Jersey Trucker	Baltimore	1.57	1.00	2.00	2.00	.40		8.80	8.00	10.40	10.00	23.42	22.40
Jersey Trucker	Baltimore	1.74	1.00	2.12	2.00	.50		8.60	8.00	10.00	10.00	23.44	22.40
Kainit	Baltimore									14.24	12.40		
Money Maker Fertilizer	Baltimore	1.50	1.00	1.93	2.00	.50		8.80	8.00	5.00	5.00	18.84	18.40
Money Maker Fertilizer	Baltimore	1.52	1.00	1.86	2.00	.35		8.65	8.00	5.30	5.00	18.65	18.40

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Hubbard Fertilizer Company, Baltimore, Md. (Continued)													
Money Maker Fertilizer	Baltimore	**1.82**	1.00	**2.20**	2.00	**.55**		**8.45**	8.00	**5.20**	5.00	$**19.80**	$18.40
Money Maker Fertilizer	Baltimore	**1.59**	1.00	**1.93**	2.00	**.70**		**8.40**	8.00	**5.30**	5.00	**18.79**	18.40
Muriate of Potash	Cambridge									**50.00**	50.00		
Muriate of Potash	Baltimore									**48.20**	48.00		
New 5% Seal	Baltimore	**3.86**	3.00	**4.27**	5.00	**.55**		**8.15**	8.00	**5.50**	5.00	**28.08**	30.40
New 5% Seal	Baltimore	**4.18**	3.00	**4.52**	5.00	**.75**		**8.75**	8.00	**5.36**	5.00	**29.48**	30.40
New 5% Seal	Baltimore	**3.95**	3.00	**4.29**	5.00	**.70**		**8.60**	8.00	**5.76**	5.00	**28.76**	30.40
New 5% Seal	Baltimore	**4.35**	3.00	**4.83**	5.00	**.50**		**8.90**	8.00	**5.30**	5.00	**30.76**	30.40
New 5% Seal	Baltimore	**4.08**	3.00	**4.39**	5.00	**.45**		**9.05**	8.00	**6.36**	5.00	**29.96**	30.40
New 5% Seal	Baltimore	**4.01**	3.00	**4.35**	5.00	**.40**		**9.40**	8.00	**6.32**	5.00	**30.04**	30.40
New 5% Seal	Baltimore	**4.43**	3.00	**4.77**	5.00	**.45**		**8.25**	8.00	**6.42**	5.00	**30.89**	30.40
7% Royal Seal	Baltimore	**4.55**	3.00	**4.98**	5.00	**.55**		**8.75**	8.00	**5.04**	5.00	**31.03**	30.40
7% Royal Seal	Baltimore	**5.76**	5.00	**6.17**	7.00	**.20**		**7.60**	6.00	**5.08**	5.00	**34.85**	36.80
Sulphate of Ammonia	Baltimore	**6.21**	5.00	**6.77**	7.00	**.40**		**7.00**	6.00	**5.34**	5.00	**37.01**	36.80
Sulphate of Ammonia	Baltimore			**25.20**	25.00								
				25.12	25.00								
Keane-Loffler, Inc., Benning, D. C.													
Plantonic	Hyattsville	**1.81**		**5.02**	5.50			*__20.90__	*18.00	**1.84**	1.75	**34.09**	34.20
J. Manns & Co., Baltimore, Md.													
Nitrate of Soda	Baltimore			**17.58**	18.00								
Maryland Milling & Supply Co., Sykesville, Md.													
Superphosphate H. G.	Sykesville					**.10**		**17.30**	16.00			**13.86**	12.80
Dietrich's Special Mixture	Sykesville	**1.04**		**1.43**	1.00	**.75**		**8.25**	8.00	**4.72**	4.00	**16.21**	13.60
Newman's Favorite	Sykesville	**1.52**		**2.03**	2.00	**.45**		**9.25**	8.00	**5.60**	5.00	**20.07**	18.40
Phosphate and Potash	Sykesville					**.10**		**13.30**	12.00	**5.32**	5.00	**14.92**	13.60
"1929" Special Mixture	Sykesville	**3.69**	3.50	**4.20**	4.00	**.60**		**9.10**	8.00	**5.72**	5.00	**28.75**	26.40
"1928" Special	Sykesville	**1.64**		**1.98**	2.00	**.10**		**12.10**	12.00	**4.44**	5.00	**21.17**	21.60
Massey & Wilmer, Chestertown, Md.													
Superphosphate	Chestertown												

"1928" Special	Sykesville	1.64		1.98	2.00	.10		12.10	12.00	4.44	5.00	21.17	21.60		
Massey & Wilmer, Chestertown, Md.															
Superphosphate	Chestertown					.80		17.20	16.00			13.88	12.80		
Corn Superphosphate	Chestertown	.83	.97	1.14	1.00	.90		9.30	9.00	4.80	4.00	15.98	14.40		
Crop Producer	Chestertown	.86		1.06	1.00	.25		10.35	9.00	4.96	4.00	16.53	14.40		
Superphosphate	Chestertown					.65		12.35	12.00	5.38	5.00	14.28	13.60		
Superphosphate	Chestertown					.45		10.95	10.00	5.40	5.00	13.15	12.00		
Tom Junior Superphosphate	Chestertown	4.74	4.25	5.05	5.00	.20		9.90	8.00	5.24	5.00	32.34	30.40		
Tom Junior Superphosphate	Chestertown	4.54	4.25	5.02	5.00	1.10		9.10	8.00	5.38	5.00	31.83	30.40		
Trustworthy Superphosphate	Chestertown	1.65	.97	2.08	2.00	1.10		8.20	8.00	6.30	5.00	20.09	18.40		
Trustworthy Superphosphate	Chestertown	1.67	.97	2.15	2.00	1.20		8.20	8.00	5.76	5.00	19.95	18.40		
McComas Bros., Bel Air, Md.															
High Grade Fertilizer	Bel Air	1.57		2.12	2.00	.70		9.30	8.00	5.36	5.00	20.32	18.40		
Medford Fert. Works, Medford, Md.															
1-8-5	Medford	.60	.25	1.08	1.00	.20		11.10	8.00	4.88	5.00	17.13	14.40		
1-10-5	Medford	.58	.25	1.06	1.00	.25		11.45	10.00	6.00	5.00	18.24	16.00		
2-8-5	Medford	1.20	.25	1.58	2.00	.35		10.05	8.00	5.38	5.00	18.71	18.40		
0-12-5	Medford					.10		14.90	12.00	3.92	5.00	15.08	13.60		
Meyer Seed Co., Baltimore, Md.															
Bone Meal	Baltimore			3.03	3.00			*26.60	*21.50			28.08	24.90		
Fred. Mehring Fert. Works, Inc., Keymar, Md.															
Acid Phosphate	Keymar					.85		17.75	16.00			14.33	12.80		
Acid Phosphate	Woodsboro					.55		18.35	16.00			14.76	12.80		
Big Four	Taneytown	.70	.62	1.08	1.00	2.40		9.20	9.00	4.28	4.00	15.46	14.40		
Big Four	Keymar	.95	.62	1.43	1.00	1.90		8.20	9.00	4.83	4.00	16.43	14.40		
Early Truck Guano	Keymar	2.78	3.00	3.65	4.00	.80		8.00	8.00	7.96	7.00	27.49	28.00		
Early Truck Guano	Taneytown	2.63	3.00	3.62	4.00	1.50		8.00	8.00	7.32	7.00	26.97	28.00		
Early Truck Guano	Woodsboro	2.87	3.00	3.83	4.00	1.00		8.60	8.00	8.00	7.00	28.75	28.00		
Kainit	Keymar									16.72	12.00				
Mamouth Truck Grower	Keymar	1.66	1.30	2.00	2.00	1.55		8.05	8.00	5.28	5.00	18.89	18.40		
Mamouth Truck Grower	Woodsboro	1.36	1.30	1.96	2.00	1.75		7.95	8.00	5.28	5.00	18.68	18.40		
Manure Salts	Keymar									22.86	20.00				
Manure Salts	Walkersville									21.60	20.00				
Potash Mixture	Keymar					.65		12.65	12.00	6.40	5.00	15.34	13.60		
Special Pea Mixture	Taneytown					1.00		12.70	12.00	10.00	10.00	18.31	17.60		
Special Pea Mixture	Keymar					.85		12.65	12.00	10.90	10.00	18.97	17.60		
Miller Fertilizer Co., Baltimore, Md.															
Superphosphate	Woodbine					.45		17.15	16.00			13.79	12.80		
4-8-7	Friendsville	3.33	3.00	3.77	4.00	.80		8.50	8.00	7.60	7.00	28.08	28.00		

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Miller Fertilizer Company, Baltimore, Md. (Continued)													
Harvest Queen	Baltimore	.84	.....	1.20	1.00	.60	.....	9.80	9.00	4.32	4.00	$16.19	$14.40
Harvest Queen	Woodbine	.73	.....	1.04	1.00	.60	.....	9.20	9.00	4.30	4.00	15.05	14.40
High Grade Potato Fertilizer	Preston	6.26	5.00	6.86	7.00	.60	.....	6.70	6.00	5.32	5.00	37.15	36.80
No. 1 Potato and Vegetable Grower	Woodbine	3.46	3.00	3.89	4.00	.35	.....	8.55	8.00	4.32	4.00	25.91	25.60
No. 1 Potato and Vegetable Grower	Baltimore	3.20	3.00	3.58	4.00	.55	.....	9.35	8.00	4.56	4.00	25.53	25.60
Nitrate of Soda	Ellicott City	.....	.....	18.54	18.24	.....	.....	.....	.....	.....	.....	.....	.....
Pimlico	Baltimore	1.72	1.00	2.01	2.00	.55	.....	8.85	8.00	10.40	10.00	23.52	22.40
Pimlico	Woodbine	1.55	1.00	1.98	2.00	2.05	.....	7.25	8.00	11.20	10.00	22.99	22.40
Pimlico	Lineboro	1.82	1.00	2.20	2.00	.55	.....	8.25	8.00	10.84	10.00	24.15	22.40
2-8-5	Friendsville	1.60	1.00	1.98	2.00	.85	.....	8.35	8.00	5.20	5.00	18.98	18.40
2-8-5	Woodbine	1.57	1.00	1.91	2.00	.50	.....	8.00	8.00	5.34	5.00	18.39	18.40
Vegetable Compound	Baltimore	3.86	3.00	4.24	5.00	.75	.....	8.15	8.00	5.80	5.00	28.23	30.40
Vegetable Compound	Baltimore	4.23	3.00	4.57	5.00	.45	.....	9.15	8.00	5.72	5.00	30.25	30.40
Scott's Potato Grower	Elkton	1.67	1.00	2.05	2.00	.70	.....	8.70	8.00	10.40	10.00	23.59	22.40
Scott's Special Grain Grower	Elkton	1.05	.....	1.43	1.00	.55	.....	9.75	9.00	4.28	4.00	17.02	14.40
Scott's Sure Growth Superphosphate	Elkton	1.77	1.00	2.20	2.00	.55	.....	9.85	9.00	3.20	3.00	19.32	17.60
Mor-Life Plant Food Company, Baltimore, Md.													
Mor-Life Plant Food	Baltimore	.....	.....	4.20	4.00	.....	.....	*5.70	*5.00	2.62	2.00	22.32	20.60
G. Ober & Sons Co., Baltimore, Md.													
Superphosphate H. G.	Baltimore	.....	.....	.....	.....	.25	.....	18.25	16.00	.....	.....	14.64	12.80
Superphosphate H. G.	Baltimore	.....	.....	.....	.....	.35	.....	18.15	16.00	.....	.....	14.57	12.80
Superphosphate H. G.	Baltimore	.....	.....	.....	.....	.25	.....	18.65	16.00	.....	.....	14.96	12.80
Fruit and Vine Truck Guano	Baltimore	4.10	4.00	4.75	5.00	.65	.....	8.55	8.00	5.40	5.00	30.26	30.40
Fruit and Vine Truck Guano	Baltimore	4.39	4.00	5.00	5.00	.80	.....	8.30	8.00	5.36	5.00	31.05	30.40
Fruit and Vine Truck Guano	Baltimore	4.28	4.00	4.89	5.00	.75	.....	8.75	8.00	5.00	5.00	30.67	30.40
Fruit and Vine Truck Guano	Baltimore	4.42	4.00	5.02	5.00	.90	.....	8.50	8.00	5.04	5.00	31.05	30.40
Fruit and Vine Truck Guano	Baltimore	4.26	4.00	4.82	5.00	.75	.....	8.55	8.00	5.20	5.00	30.39	30.40
Fruit and Vine Truck Guano	Baltimore	4.22	4.00	4.78	5.00	.80	.....	8.60	8.00	5.10	5.00	30.20	30.40
Fruit and Vine Truck Guano	Baltimore	4.17	4.00	4.77	5.00	.90	.....	8.80	8.00	5.20	5.00	30.42	30.40

Fruit and Vine Truck Guano	Baltimore	**4.26**	4.00	**4.82**	5.00	**.75**		**8.55**	8.00	**5.20**	5.00	**30.39**	30.40
		4.22	4.00	**4.78**	5.00	**.80**		**8.60**	8.00	**5.10**	5.00	**30.20**	30.40

Fruit and Vine Truck Guano	Baltimore	**4.17**	4.00	**4.77**	5.00	**.90**		**8.80**	8.00	**5.20**	5.00	**30.42**	30.40
Independent Mixture	Baltimore	**1.72**	1.60	**2.06**	2.00	**1.10**		**8.10**	8.00	**5.34**	5.00	**19.16**	18.40
Kainit	Baltimore									**14.00**	12.40		
Kainit	Baltimore									**12.40**	12.40		
Kainit	Baltimore									**14.56**	12.40		
Kainit	Baltimore									**12.48**	12.40		
Maryland Cigarett Tobacco Fert	Baltimore	**3.93**	4.00	**4.87**	5.00	**.60**		**8.90**	8.00	**5.08**	5.00	**30.75**	30.40
Maryland Tobacco Growers Special	Baltimore	**4.22**	4.00	**4.94**	5.00	**1.20**		**9.30**	8.00	**6.64**	7.00	**32.69**	32.00
Maryland Tobacco Growers Special	Baltimore	**4.13**	4.00	**4.88**	5.00	**1.25**		**9.95**	8.00	**6.00**	7.00	**32.47**	32.00
Maryland Tobacco Growers Special	Baltimore	**4.11**	4.00	**4.91**	5.00	**.45**		**9.35**	8.00	**7.00**	7.00	**32.79**	32.00
Maryland Tobacco Growers Special	Baltimore	**4.20**	4.00	**5.07**	5.00	**.60**		**8.90**	8.00	**7.00**	7.00	**33.09**	32.00
Maryland Tobacco Growers Special	Baltimore	**4.11**	4.00	**5.00**	5.00	**.45**		**8.45**	8.00	**7.00**	7.00	**32.43**	32.00
Nitrate of Soda	Baltimore			**18.44**	18.00								
Refined Ground Bone	Baltimore			**4.95**	4.50			***23.70**	***21.00**			**34.02**	30.60
Red Seal Tobacco Fertilizer	Baltimore	**3.35**	3.20	**3.90**	4.00	**1.45**		**8.65**	8.00	**5.04**	5.00	**26.77**	26.40
Red Seal Tobacco Fertilizer	Baltimore	**3.55**	3.20	**4.10**	4.00	**1.50**		**8.90**	8.00	**4.70**	5.00	**27.51**	26.40
Red Seal Tobacco Fertilizer	Baltimore	**3.33**	3.20	**3.89**	4.00	**.90**		**8.50**	8.00	**5.00**	5.00	**26.50**	26.40
Red Seal Tobacco Fertilizer	Baltimore	**3.45**	3.20	**4.01**	4.00	**1.10**		**8.10**	8.00	**5.00**	5.00	**26.69**	26.40
Red Seal Tobacco Fertilizer	Baltimore	**3.11**	3.20	**3.79**	4.00	**1.00**		**8.40**	8.00	**5.00**	5.00	**26.03**	26.40
Royal Crown Tobacco Guano	Baltimore	**3.33**	3.20	**4.06**	4.00	**1.00**		**9.20**	8.00	**10.30**	10.00	**31.99**	30.40
Royal Crown Tobacco Guano	Baltimore	**3.32**	3.20	**4.04**	4.00	**1.00**		**9.50**	8.00	**10.14**	10.00	**32.02**	30.40
Royal Crown Tobacco Guano	Baltimore	**3.38**	3.20	**4.06**	4.00	**1.05**		**9.05**	8.00	**10.00**	10.00	**31.64**	30.40
Royal Crown Tobacco Guano	Baltimore	**3.40**	3.20	**3.98**	4.00	**1.20**		**8.90**	8.00	**10.00**	10.00	**31.22**	30.40
Special Compound for Tobacco	Baltimore	**2.59**	2.40	**3.07**	3.00	**.50**		**8.10**	8.00	**3.60**	3.00	**21.72**	20.80
Special Compound for Tobacco	Baltimore	**2.71**	2.40	**3.02**	3.00	**1.50**		**9.50**	8.00	**3.24**	3.00	**22.50**	20.80
Special Plant Food	Baltimore	**1.71**	1.60	**2.10**	2.00	**1.20**		**9.00**	9.00	**5.32**	5.00	**20.04**	19.20
Special Plant Food	Baltimore	**1.77**	1.60	**2.06**	2.00	**.60**		**9.60**	9.00	**5.08**	5.00	**20.07**	19.20
Special Plant Food	Baltimore	**1.74**	1.60	**2.12**	2.00	**1.10**		**9.60**	9.00	**5.00**	5.00	**20.33**	19.20
Special Plant Food	Baltimore	**1.68**	1.60	**2.06**	2.00	**1.25**		**9.45**	9.00	**5.16**	5.00	**20.12**	19.20
Special Tobacco Bed Fertilizer	La Plata	**8.69**	9.00	**9.46**	10.00	**.60**		**5.30**	5.00	**2.20**	2.00	**43.93**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**8.93**	9.00	**9.49**	10.00	**.85**		**5.65**	5.00	**2.16**	2.00	**44.34**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**9.25**	9.00	**9.63**	10.00	**.80**		**5.40**	5.00	**2.16**	2.00	**44.69**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**4.88**	9.00	**5.27**	10.00	**1.15**		**6.95**	5.00	**2.28**	2.00	**28.63**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**8.83**	9.00	**9.26**	10.00	**.65**		**5.25**	5.00	**2.36**	2.00	**43.23**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**9.18**	9.00	**9.57**	10.00	**.50**		**5.70**	5.00	**2.32**	2.00	**44.78**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**9.24**	9.00	**9.65**	10.00	**.40**		**5.80**	5.00	**2.36**	2.00	**45.19**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**9.29**	9.00	**9.63**	10.00	**.50**		**5.80**	5.00	**2.36**	2.00	**45.13**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**9.14**	9.00	**9.43**	10.00	**.40**		**5.90**	5.00	**2.36**	2.00	**44.39**	45.60
Stag Guano	Baltimore	**.78**	.80	**1.16**	1.00	**1.20**		**9.00**	9.00	**4.08**	4.00	**15.28**	14.40
Stag Guano	Baltimore	**.99**	.80	**1.33**	1.00	**1.40**		**9.00**	9.00	**4.10**	4.00	**16.01**	14.40
Stag Guano	Baltimore	**.99**	.80	**1.30**	1.00	**1.15**		**9.05**	9.00	**4.32**	4.00	**16.07**	14.40
Stag Guano	Baltimore	**.87**	.80	**1.14**	1.00	**1.30**		**9.10**	9.00	**4.00**	4.00	**15.24**	14.40
Stag Guano	Baltimore	**.92**	.80	**1.19**	1.00	**.90**		**9.30**	9.00	**4.00**	4.00	**15.54**	14.40

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
G. Ober & Sons Company, Baltimore, Md. (Continued)													
Stand. Southern Veg. Compound 7%	Baltimore	**5.57**	5.60	**6.76**	7.00	**.75**	.....	**7.75**	6.00	**5.00**	5.00	$**37.35**	$36.80
Stand. Southern Veg. Compound 7%	Baltimore	**5.60**	5.60	**6.76**	7.00	**.75**	.....	**6.35**	6.00	**5.34**	5.00	**36.50**	36.80
Stand. Southern Veg. Compound 7%	Baltimore	**5.42**	5.60	**6.50**	7.00	**.80**	.....	**6.60**	6.00	**5.28**	5.00	**35.62**	36.80
Stand. Southern Veg. Compound 7%	Baltimore	**5.39**	5.60	**6.45**	7.00	**.70**	.....	**7.50**	6.00	**5.04**	5.00	**35.94**	36.80
Starkey Truck Compound	Baltimore	**3.36**	3.20	**3.84**	4.00	**1.35**	.....	**8.25**	8.00	**5.30**	5.00	**26.40**	26.40
Starkey Truck Compound	Baltimore	**3.60**	3.20	**4.03**	4.00	**1.45**	.....	**8.05**	8.00	**5.24**	5.00	**26.97**	26.40
Starkey Truck Compound	Baltimore	**3.50**	3.20	**4.01**	4.00	**1.30**	.....	**8.20**	8.00	**5.00**	5.00	**26.80**	26.40
Starkey Truck Compound	Street	**3.66**	3.20	**4.10**	4.00	**1.43**	.....	**7.77**	8.00	**5.04**	5.00	**26.87**	26.40
Sulphate of Ammonia	Baltimore	**3.59**	3.20	**3.98**	4.00	**1.55**	.....	**8.45**	8.00	**5.20**	5.00	**27.07**	26.40
Sulphate of Potash	Baltimore	.....	.....	**25.12**	25.00	.....	.....	.....	.....	.....	.....	.....	.....
Superior Potato and Veg. Grower	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**48.90**	48.00	.....	.....
Superior Potato and Veg. Grower	Baltimore	**1.66**	1.60	**1.98**	2.00	**1.00**	.....	**8.30**	8.00	**10.38**	10.00	**23.01**	22.40
Superior Potato and Veg. Grower	Baltimore	**1.83**	1.60	**2.12**	2.00	**.80**	.....	**8.10**	8.00	**10.64**	10.00	**23.59**	22.40
Superior Potato and Veg. Grower	Baltimore	**1.75**	1.60	**2.09**	2.00	**.85**	.....	**9.05**	8.00	**10.40**	10.00	**24.05**	22.40
Superior Potato and Veg. Grower	Baltimore	**1.64**	1.60	**1.93**	2.00	**.80**	.....	**8.20**	8.00	**10.38**	10.00	**22.70**	22.40
Super Wheat and Grain Grower	Baltimore	**1.45**	1.60	**2.00**	2.00	**1.00**	.....	**8.10**	8.00	**10.08**	10.00	**22.69**	22.40
Super Wheat and Grain Grower	Baltimore	**2.64**	2.40	**2.95**	3.00	**1.45**	.....	**12.05**	12.00	**3.32**	3.00	**24.32**	24.00
Swan-E Guano	Baltimore	**2.56**	2.40	**2.90**	3.00	**1.50**	.....	**12.70**	12.00	**3.20**	3.00	**24.55**	24.00
Swan-E Guano	Baltimore	**1.59**	1.60	**1.88**	2.00	**1.45**	.....	**9.35**	9.00	**3.44**	3.00	**17.97**	17.60
Swan-E Guano	Baltimore	**1.67**	1.60	**1.91**	2.00	**1.45**	.....	**9.65**	9.00	**3.32**	3.00	**18.24**	17.60
Swan-E Guano	Baltimore	**1.64**	1.60	**1.98**	2.00	**1.20**	.....	**9.40**	9.00	**3.38**	3.00	**18.32**	17.60
Swan-E Guano	Street	**1.66**	1.60	**2.00**	2.00	**1.15**	.....	**9.25**	9.00	**3.24**	3.00	**18.16**	17.60
Sweet Potato Grower	Baltimore	**1.55**	1.60	**2.06**	2.00	**1.30**	.....	**10.40**	9.00	**3.80**	3.00	**19.80**	17.60
Sweet Potato Grower	Baltimore	**2.82**	2.40	**3.09**	3.00	**.45**	.....	**8.35**	8.00	**8.52**	8.00	**25.93**	24.80
Sweet Potato Grower	Baltimore	**2.73**	2.40	**3.07**	3.00	**.40**	.....	**8.70**	8.00	**8.56**	8.00	**26.15**	24.80
Sweet Potato Grower	Baltimore	**2.68**	2.40	**2.99**	3.00	**.45**	.....	**8.65**	8.00	**8.08**	8.00	**25.41**	24.80
Twelve and Five Potash Compound	Baltimore	**2.71**	2.40	**2.97**	3.00	**.45**	.....	**8.45**	8.00	**8.00**	8.00	**25.11**	24.80
Twelve and Five Potash Compound	Baltimore	.....	.....	.....	.....	**.50**	.....	**13.10**	12.00	**5.68**	5.00	**15.10**	13.60
		.....	.....	.....	.....	**.55**	.....	**12.55**	12.00	**5.30**	5.00	**14.36**	13.60

Old Gardener Co., Pittsburgh, Pa.

Old Gardener Co., Pittsburgh, Pa.													
H.G. Odorless Concentrated Fert.	Hyattsville	**3.00**		**3.38**	3.04	**3.25**		**8.55**	10.00	**5.16**	4.00	**24.98**	23.36
Oyler & Spangler Fertilizer Works, Gettysburg, Pa.													
Excelsior	Emmitsburg	**1.45**		**2.00**	2.00	**.80**		**8.40**	8.00	**5.20**	5.00	**19.00**	18.40
Pacific Manure & Fertilizer Co., San Francisco, Calif.													
Groz-it Brand Pulv. Sheep Manure	Annapolis			**1.76**	1.80			***.90**	*1.25	**2.20**	3.00	**9.34**	10.35
Groz-it Brand Pulv. Sheep Manure	Baltimore			**1.83**	1.80			***.90**	*1.25	**2.32**	3.00	**9.72**	10.35
Groz-it Brand Pulv. Sheep Manure	Baltimore			**1.81**	1.80			***1.00**	*1.25	**2.10**	3.00	**9.52**	10.35
Patuxent Guano Co., Balto., Md.													
Tobacco Guano	Baltimore	**3.82**	1.25	**4.33**	4.00	**.75**		**8.75**	8.00	**7.40**	7.00	**30.35**	28.00
Peerless Fertilizer Company, Chestertown, Md.													
American Standard	Chestertown	**3.51**	1.83	**4.11**	4.00	**.35**		**6.65**	6.00	**5.38**	5.00	**26.11**	24.80
Early Trucker	Chestertown	**3.69**	2.42	**4.97**	5.00	**.80**		**8.60**	8.00	**5.00**	5.00	**30.88**	30.40
Fish Mixture	Chestertown	**2.10**	1.52	**2.97**	3.00	**.45**		**9.35**	8.00	**7.56**	7.00	**25.48**	24.00
Half and Half Rock and Kainit	Chestertown					**.15**		**8.15**	8.00	**6.34**	6.00	**11.61**	11.20
Jersey Sweet Potato	Chestertown	**1.48**	.90	**2.08**	2.00	**.45**		**8.65**	8.00	**10.24**	10.00	**23.50**	22.40
Kainit	Chestertown									**13.08**	12.00		
Peerless 2-8-5 Fertilizer	Chestertown	**1.52**	.90	**2.20**	2.00	**.70**		**9.20**	8.00	**5.24**	5.00	**20.46**	18.40
Seven, Six, Five Fertilizer	Chestertown	**5.75**	3.65	**7.42**	7.00	**.45**		**6.05**	6.00	**5.64**	5.00	**39.10**	36.80
Piedmont-Mt. Airy Guano Co., Inc., Baltimore, Md.													
Piedmont Farmers Favorite	Baltimore	**.65**		**1.06**	1.00	**1.25**		**9.25**	9.00	**4.28**	4.00	**15.25**	14.40
Piedmont Harvest Queen	Mt. Airy	**.62**		**1.06**	1.00	**1.30**		**7.80**	8.00	**4.28**	4.00	**14.10**	13.60
Piedmont H. G. Vegetable Grower	Mt. Airy	**1.59**	1.00	**1.79**	2.00	**.65**		**9.05**	8.00	**9.84**	10.00	**22.37**	22.40
Kainit	Baltimore									**12.48**	12.40		
Kainit	Mt. Airy									**14.36**	12.40		
Piedmont Peerless Phosphate	Mt. Airy	**.85**		**1.11**	1.00	**1.25**		**8.05**	8.00	**3.40**	3.00	**13.79**	12.80
Piedmont Perfection Guano	Baltimore	**1.62**	1.00	**1.98**	2.00	**.85**		**9.15**	8.00	**5.18**	5.00	**19.51**	18.40
Sheep Manure	Mt. Airy			**1.51**	1.50			***1.50**	*1.00	**2.80**	2.00	**9.18**	8.20
Piedmont 3-8-8 Fertilizer	Baltimore	**2.48**	2.00	**2.99**	3.00	**1.50**		**8.00**	8.00	**8.72**	8.00	**25.57**	24.80
Piedmont Unexcelled Guano	Mt. Airy	**3.31**	3.00	**3.82**	4.00	**2.05**		**7.55**	8.00	**4.36**	4.00	**25.12**	25.60
Plant Products Co., Balto., Md.													
Fulton's Plantabbs	Baltimore			**13.31**	13.35			***19.90**	*17.00	**24.24**	20.00	**84.57**	79.60

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE Insoluble		SUPERPHOSPHATE Available		POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Pulverized Manure Co., Chicago, Ill.													
Wizard Brand Cattle Manure	Baltimore	.....	.....	**2.81**	2.10	.....	.....	***1.30**	*1.00	**1.08**	1.00	**$12.88**	$ 9.80
Wizard Brand Pulv. Sheep Manure	Baltimore	.....	.....	**2.44**	2.43	.....	.....	***1.90**	*1.25	**2.04**	2.00	**12.53**	12.07
Ramsburg Fertilizer Company, Frederick, Md.													
Ammoniated Bone Phosphate	Frederick	**1.00**	.85	**1.31**	1.00	**.35**	.....	**12.45**	10.00	**4.28**	4.00	**18.67**	15.20
Corn and Potato Fertilizer	Myersville	**.41**	.85	**.89**	1.00	**.50**	.....	**11.80**	10.00	**5.34**	5.00	**17.35**	16.00
Corn and Potato Fertilizer	Frederick	**.40**	.85	**1.20**	1.00	**.25**	.....	**11.75**	10.00	**6.00**	5.00	**19.04**	16.00
Excelsior Plant Food	Frederick	**.14**	.85	**1.04**	2.00	**.20**	.....	**12.70**	10.00	**4.38**	4.00	**17.85**	19.20
Excelsior Plant Food	Frederick	**.92**	.85	**2.37**	2.00	**.20**	.....	**11.75**	10.00	**4.20**	4.00	**22.27**	19.20
Old Virginia Compound	Frederick	**.29**	.85	**1.09**	1.00	**.20**	.....	**12.20**	10.00	**6.18**	5.00	**19.09**	16.00
Special Mix. for Tomatoes and Tob.	Frederick	**1.45**	.85	**2.18**	2.00	**.45**	.....	**10.55**	8.00	**7.00**	6.00	**22.83**	19.20
Special Mix. for Tomatoes and Tob.	Frederick	**2.04**	.85	**2.47**	2.00	**.45**	.....	**9.75**	8.00	**7.20**	6.00	**23.51**	19.20
Williams Wheat and Grass Fert.	Frederick	**.27**	.85	**1.09**	1.00	**.40**	.....	**12.50**	10.00	**4.56**	2.00	**18.07**	13.60
Raisin-Monumental Co., Baltimore, Md.													
Royal Fish and Potash Mixture	Baltimore	**1.52**	.78	**2.12**	2.00	**2.55**	.....	**9.45**	9.00	**3.54**	3.00	**19.25**	17.60
Seawall Truck Compound	Baltimore	**4.33**	2.97	**4.98**	5.00	**1.35**	.....	**9.35**	8.00	**5.60**	5.00	**32.08**	30.40
Universal Crop Manure	Baltimore	**1.64**	.78	**2.15**	2.00	**1.30**	.....	**8.70**	8.00	**6.00**	5.00	**20.56**	18.40
Victoria High Grade Guano	Baltimore	**3.48**	2.00	**3.99**	4.00	**1.10**	.....	**10.00**	8.00	**4.40**	4.00	**27.65**	25.60
Reindollar Co., Taneytown, Md.													
Superphosphate	Taneytown	.....	.....	.....	.....	**.35**	.....	**18.05**	16.00	.....	.....	**14.49**	12.80
Superphosphate	Taneytown	.....	.....	.....	.....	**.15**	.....	**18.75**	16.00	.....	.....	**15.02**	12.80
Grain Grower	Taneytown	**1.14**	.....	**2.20**	2.00	**.70**	.....	**11.40**	10.00	**5.34**	5.00	**22.30**	20.00
Grain Grower	Taneytown	**.87**	.....	**1.98**	2.00	**.45**	.....	**11.25**	10.00	**5.60**	5.00	**21.47**	20.00
Rock and Potash	Taneytown	.....	.....	.....	.....	**.40**	.....	**13.90**	12.00	**6.00**	6.00	**15.98**	14.40
F. S. Royster Guano Company, Baltimore, Md.													
Banner Guano	Port Deposit	**1.43**	1.33	**1.99**	2.00	**.80**	.....	**8.50**	8.00	**10.84**	10.00	**23.55**	22.40
Bully Guano	Port Deposit	**1.38**	1.33	**2.01**	2,00	**.50**	.....	**8.50**	8.00	**5.84**	5.00	**19.59**	18.40

Bully Guano	Port Deposit	1.38	1.33	2.01	2.00	.50		8.50	8.00	10.84	10.00	23.55	22.40
		8.50	8.00	5.84	5.00	19.59	18.40
Bully Guano	Baltimore	1.55	1.33	2.27	2.00	1.00		9.10	8.00	5.34	5.00	20.78	18.40
Curlew Guano	Baltimore	2.38	2.00	2.98	3.00	1.45		10.05	10.00	6.57	6.00	25.44	24.80
Fish, Flesh and Fowl	Rockville	1.47	1.33	2.08	2.00	1.00		9.70	9.00	3.20	3.00	18.79	17.60
4-16-4 Fertilizer	Mt. Lake Park	3.62	2.42	3.98	4.00	.90		16.60	16.00	4.52	4.00	32.96	32.00
Ideal Guano	Baltimore	2.08	2.00	3.02	3.00	1.15		9.25	8.00	8.36	8.00	26.34	24.80
Perfecto Tobacco Guano	Baltimore	4.19	3.33	4.91	5.00	.65		8.95	8.00	5.40	5.00	31.22	30.40
Prize Tobacco Guano	Baltimore	3.58	2.66	4.13	4.00	.60		9.30	8.00	9.44	10.00	31.60	30.40
Quality Tobacco Guano	Baltimore	3.26	2.66	3.98	4.00	.75		8.75	8.00	7.08	7.00	28.69	28.00
Rational Guano	Baltimore	.30	.66	1.02	1.00	.60		9.50	9.00	4.40	4.00	15.29	14.40
Rational Guano	Rockville	.48	.66	1.08	1.00	1.00		9.70	9.00	4.24	4.00	15.62	14.40
Sheep and Goat Manure	Rockville			1.84	1.50			*1.20	*1.00	2.04	2.00	9.71	8.20
Sulphate of Ammonia	Baltimore			24.94	25.00								
Trucker's Delight	Baltimore	2.81	2.66	4.18	4.00	.75		9.85	8.00	5.00	4.00	28.71	25.60
Verbena Guano	Baltimore	3.58	3.33	5.00	5.00	1.15		8.85	8.00	5.30	5.00	31.49	30.40
Verbena Guano	Baltimore	3.28	3.33	5.02	5.00	.95		9.25	8.00	5.16	5.00	31.75	30.40
R. H. Slingluff Fertilizer Company,	**Baltimore, Md.**												
Acid Phosphate	Baltimore					1.20		16.70	16.00			13.54	12.80
Big and Bright Tobacco	Baltimore	3.57	2.42	4.08	4.00	.55		8.75	8.00	5.56	5.00	27.85	26.40
General Crop Grower	Baltimore	1.76	.60	2.19	2.00	.80		9.30	8.00	3.41	3.00	19.05	16.80
General Crop Grower	Baltimore	1.62	.60	2.05	2.00	.35		8.65	8.00	5.34	3.00	19.44	16.80
H. G. Tobacco with 10% Potash	Baltimore	3.53	.60	4.20	4.00	.80		8.40	8.00	10.00	10.00	31.64	30.40
H. G. Tobacco with 10% Potash	Baltimore	3.62	.60	4.13	4.00	1.10		8.40	8.00	9.60	10.00	31.09	30.40
H. G. Tobacco with 10% Potash	Baltimore	3.53	.60	4.16	4.00	.60		9.50	8.00	9.76	10.00	32.14	30.40
Master Trucker	Baltimore	5.44	.60	6.04	5.00	.70		7.30	7.00	5.12	5.00	34.21	29.60
Master Trucker	Baltimore	4.37	.60	5.00	5.00	.70		8.90	7.00	5.16	5.00	31.36	29.60
Standard Phosphate	Baltimore	2.36	.60	2.87	3.00	.85		8.85	8.00	4.32	4.00	22.15	21.60
Standard Phosphate	Baltimore	2.26	.60	2.65	3.00	.75		8.55	8.00	4.82	4.00	21.41	21.60
10% Tob. Bed Special with 2% Pot.	Waldorf	8.64	.60	9.99	10.00	.50		4.20	4.00	2.34	2.00	45.27	44.80
10% Tob. Bed Special with 2% Pot.	Baltimore	8.68	.60	9.82	10.00	.45		4.75	4.00	2.36	2.00	45.04	44.80
Truck and Potato	Baltimore	3.84	.60	4.10	4.00	.50		8.90	8.00	7.24	7.00	29.39	28.00
Sidney R. Solomon, Raspeburg, Md.													
Bone Meal	Raspeburg			3.07	3.00			*25.10	*23.00			27.34	25.80
5-8-5	Raspeburg	4.74	3.65	5.80	5.00	.70		7.40	8.00	5.00	5.00	33.23	30.40
4-8-4	Raspeburg	3.38	2.42	4.08	4.00	1.15		8.25	8.00	4.28	4.00	26.51	25.60
2-8-5	Raspeburg	1.61	.90	2.05	2.00	1.20		8.60	8.00	5.24	5.00	19.45	18.40
Standard Wholesale Phosphate & Acid Works, Inc., Baltimore, Md.													
Superphosphate	Hancock					.40		17.00	16.00			13.66	12.80
Accomac Peninsula King	Baltimore	4.08	3.99	4.63	5.00	.85		11.75	8.00	5.04	5.00	32.08	30.40
Accomac Peninsula King	Baltimore	4.54	3.99	5.05	5.00	.55		10.35	8.00	5.10	5.00	32.64	30.40

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O Sol. Ammonia		Nitrogen Calculated as Ammonia		Superphosphate				Potash K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		Found	Guaranteed	**Found**	Guaranteed	**Found**	Guaranteed	**Found**	Guaranteed	**Found**	Guaranteed		
Standard Wholesale Phos. & Acid Works, Inc., Balto. Md. (Cont.)													
Accomac Peninsula King	Baltimore	**4.57**	3.99	**4.86**	5.00	**.50**		**9.50**	8.00	**5.04**	5.00	**$31.15**	$30.40
Golden Rule Guano	Silesia			**4.13**	4.00	**.70**		**16.00**	16.00	**10.34**	10.00	**37.70**	36.80
General Use Guano	Baltimore	**1.87**	1.00	**2.30**	2.00	**1.10**		**12.40**	12.00	**4.64**	4.00	**23.00**	20.80
Jersey Special	Baltimore	**3.44**	1.96	**3.99**	4.00	**.60**		**9.80**	8.00	**10.00**	10.00	**31.89**	30.40
Jersey Special	Baltimore	**3.51**	1.96	**3.89**	4.00	**.50**		**8.70**	8.00	**10.00**	10.00	**30.60**	30.40
Jumbo Potato Grower	Snow Hilll	**6.03**	3.48	**6.97**	7.00	**.80**		**6.30**	6.00	**5.04**	5.00	**37.07**	36.80
Lime Phosphate	Baltimore					**.45**		**17.65**	13.00			**14.19**	10.40
Mammoth Truck Grower	Baltimore	**1.74**	1.00	**2.08**	2.00	**.70**		**8.30**	8.00	**5.38**	5.00	**19.37**	18.40
Mammoth Truck Grower	Baltimore	**1.58**	1.00	**2.06**	2.00	**.65**		**8.65**	8.00	**5.38**	5.00	**19.56**	18.40
Mammoth Potato Grower	Baltimore	**1.91**	1.00	**2.17**	2.00	**.45**		**8.95**	8.00	**10.38**	10.00	**24.21**	22.40
Royal Potato Grower	Baltimore	**3.32**	2.00	**3.92**	4.00	**.80**		**9.10**	8.00	**7.00**	7.00	**28.68**	28.00
Sulphate of Ammonia	Baltimore			**22.60**	25.00								
Truckers Fish Guano	Baltimore	**3.15**	1.48	**3.76**	3.00	**.75**		**9.75**	8.00	**3.50**	3.00	**25.75**	20.80
Stimuplant Laboratories, Inc., Long Island City, N. Y.													
Stim-U-planT	Baltimore			**12.78**	13.35	**.10**		**14.10**	11.71	**17.44**	15.00	**76.37**	74.77
Stumpp & Walter Co., Balto., Md.													
Raw Bone Meal	Baltimore			**4.47**	4.50			***20.70**	*23.00			**30.30**	31.80
Sawco Emerald Grass Fertilizer	Baltimore	**3.32**		**3.58**	3.65	**.80**		**5.50**	5.00	**3.12**	3.00	**21.34**	21.00
Sawco General Garden Fertilizer	Baltimore	**3.47**	2.59	**3.81**	4.00	**1.15**		**8.25**	8.00	**3.10**	3.00	**24.49**	24.80
Sawco Garden and Tree Plant Food	Baltimore	**18.10**		**18.30**	18.00			**30.60**	30.00	**17.20**	15.00	**111.44**	108.00
Sawco Pulverized Sheep Manure	Baltimore			**3.63**	2.43			***2.20**	*1.00	**1.56**	2.00	**17.09**	11.92
Sawco Shredded Cattle Manure	Baltimore			**2.29**	2.18			***1.40**	*1.00	**1.12**	1.00	**10.90**	10.12
Summers Fertilizer Co., Inc., Baltimore, Md.													
"Best on Earth" Superphosphate	College Park					**.70**		**16.30**	16.00			**13.15**	12.80
"Best on Earth" Superphosphate	Owings Mills					**.70**		**16.00**	16.00			**12.91**	12.80
"Best on Earth" Superphosphate	Baltimore					**.75**		**14.45**	14.00			**11.67**	11.20

"Best on Earth" Superphosphate	Owings Mills					.70		16.00	16.00			12.91	12.80
"Best on Earth" Superphosphate	Baltimore					.75		14.45	14.00			11.67	11.20
"Best on Earth" Dried Fish	College Park			9.18	10.00			*7.45	*4.58			41.19	42.75
Genuine Venezuelan Goat Manure	Baltimore			3.03	1.00			*2.20	*1.00	1.04	1.00	14.27	5.40
"Best on Earth" Gr. Steamed Bone	Bethesda			2.95	3.00			*24.80	*22.89			26.68	25.73
"Best on Earth" Kainit	College Park									15.00	12.40		
"Best on Earth" Muriate of Potash	College Park									48.00	48.00		
"Best on Earth" Nitrate of Soda	Baltimore			18.92	18.00								
"Beat on Earth" Nitrate of Soda	College Park			19.46	18.00								
"Best on Earth" Nitrate of Soda	Baltimore			18.16	18.00								
"Best on Earth" Potato Special	Jessups	5.69	3.50	7.02	7.00	.55		7.30	6.00	5.70	5.00	38.56	36.80
"Best on Earth" Potato Special	Jessups	6.30	3.50	6.74	7.00	.60		6.60	6.00	5.36	5.00	36.62	36.80
"Best on Earth" Potato Special	Owings Mills	6.38	3.50	6.89	7.00	.55		6.20	6.00	5.12	5.00	36.70	36.80
"Best on Earth" 2-8-5 Fertilizer	Baltimore	1.65	1.21	2.25	2.00	.95		8.35	8.00	5.10	5.00	19.90	18.40
"Best on Earth" 2-8-10 Fertilizer	Baltimore	1.75	1.21	2.13	2.00	.90		9.60	8.00	10.40	10.00	24.66	22.40
Swift & Co., Baltimore, Md.													
Superphosphate	Waldorf					.75		17.25	16.00			13.91	12.80
Superphosphate	Baltimore					.35		16.65	16.00			13.37	12.80
Raw Bone Meal Fertilizer	Baltimore			4.78	4.50			*20.80	*20.00			31.60	30.00
Red Steer 5-8-5	Waldorf	4.42	3.24	4.98	5.00	.80		8.50	8.00	5.00	5.00	30.84	30.40
Red Steer 5-8-5	Baltimore	4.38	3.24	4.76	5.00	.50		8.70	8.00	4.80	5.00	29.92	30.40
Red Steer 5-8-5	Baltimore	4.43	3.24	4.74	5.00	.45		8.75	8.00	5.12	5.00	30.13	30.40
Red Steer 4-8-4	Ridgely	4.64	3.24	5.07	5.00	.65		8.45	8.00	5.04	5.00	31.17	30.40
Red Steer 4-8-4	Waldorf	3.80	2.59	4.11	4.00	1.30		8.00	8.00	4.00	4.00	26.24	25.60
Red Steer 4-8-7	Baltimore	3.44	2.59	3.82	4.00	.40		8.20	8.00	4.24	4.00	25.29	25.60
Red Steer 4-8-10	Baltimore	3.58	2.59	3.82	4.00	1.10		7.90	8.00	7.04	7.00	27.40	28.00
Red Steer 4-16-4	Baltimore	3.56	2.59	3.92	4.00	1.55		8.05	8.00	10.00	10.00	30.35	30.40
Red Steer 4-16-10	Clinton	4.16	2.59	4.33	4.00	1.35		16.15	16.00	4.34	4.00	33.91	32.00
Red Steer 4-16-10	Ridgely	3.80	2.59	4.04	4.00	1.60		15.90	16.00	10.34	10.00	37.39	36.80
Red Steer 1-9-4	Baltimore	3.82	2.59	3.99	4.00	1.55		15.45	16.00	10.40	10.00	36.87	36.80
Red Steer 7-6-5	Baltimore	.71	.60	1.02	1.00	.45		8.85	9.00	3.48	4.00	14.01	14.40
Red Steer 7-11-7	Ridgely	6.79	4.54	7.13	7.00	.65		6.55	6.00	5.20	5.00	38.02	36.80
Red Steer 3-8-8	Clinton	6.41	4.54	6.75	7.00	.50		12.10	11.00	7.00	7.00	42.36	42.40
Red Steer 3-10-6	Baltimore	2.69	1.95	3.07	3.00	.60		8.70	8.00	8.40	8.00	26.05	24.80
Red Steer 2-8-10	Ridgely	2.66	1.95	3.12	3.00	1.45		10.25	10.00	6.08	6.00	25.76	24.80
Red Steer 2-12-2	Baltimore	1.71	1.21	1.98	2.00	.60		8.70	8.00	10.40	10.00	23.29	22.40
Red Steer 2-16-8	Baltimore	1.71	1.21	2.12	2.00	1.00		12.00	12.00	2.32	2.00	20.09	19.20
Sulphate of Ammonia	Baltimore	1.98	1.21	2.15	2.00	.80		16.00	16.00	8.24	8.00	28.11	27.20
Vigoro	Hyattsville			24.68	25.00								
Vigoro	Baltimore	3.72		4.10	4.00	1.25		12.25	12.00	4.32	4.00	29.85	28.80
		3.65		4.13	4.00	.40		12.60	12.00	4.36	4.00	30.15	28.80

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Synthetic Nitrogen Products Corp., New York, N. Y.													
Nitrophoska	Baltimore	.....	.....	**19.52**	18.20	**.05**	.....	**33.55**	30.00	**15.60**	15.00	**117.41**	108.80
Urea B. A. S. F. (Floranid)	Baltimore	.....	.....	**56.00**	55.90	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee Copper & Chemical Corp., Lockland, Ohio.													
Loma	Baltimore	**5.39**	.....	**5.87**	5.99	**.85**	.65	**10.75**	10.00	**4.10**	4.00	**35.49**	35.26
I. P. Thomas & Son Co., Philadelphia, Pa.													
7% Guano 7-6-5	Preston	**6.14**	4.86	**7.20**	7.00	**.55**	.....	**7.45**	6.00	**5.38**	5.00	**39.14**	36.80
Wm. B. Tilghman Company, Salisbury, Md.													
Early Truck Guano	Vienna	**4.38**	3.29	**4.98**	5.00	**.30**	.....	**9.10**	8.00	**5.34**	5.00	**31.52**	30.40
Early Truck Guano	Fruitland	**5.32**	3.29	**5.87**	5.00	**.65**	.....	**9.15**	8.00	**6.00**	5.00	**35.70**	30.40
High Grade Potash Mixture	Salisbury	**1.82**	1.00	**2.30**	2.00	**.75**	.....	**8.65**	8.00	**11.04**	10.00	**25.06**	22.40
Irish P. Guano	Salisbury	**6.32**	4.75	**7.19**	7.00	**.40**	.....	**7.60**	6.00	**5.18**	5.00	**39.04**	36.80
Kainit	Hurlock	.....	.....	.....	.....	.....	.....	.....	.....	**14.24**	12.40	.....	.....
Melon Mixture	Salisbury	**3.12**	2.42	**4.23**	4.00	**2.00**	.....	**8.50**	8.00	**6.76**	6.00	**29.43**	27.20
Mixture "A"	Salisbury	**3.88**	2.25	**4.53**	4.00	**.95**	.....	**9.15**	8.00	**10.32**	10.00	**33.84**	30.40
Mixture "A"	Vienna	**3.17**	2.25	**3.94**	4.00	**1.00**	.....	**8.90**	8.00	**11.96**	10.00	**32.60**	30.40
Mixture "B"	Vienna	**3.11**	2.25	**3.89**	4.00	**.25**	.....	**9.55**	8.00	**4.56**	4.00	**26.89**	25.60
Mixture "B"	Salisbury	**3.57**	2.25	**4.13**	4.00	**.90**	.....	**9.20**	8.00	**5.16**	4.00	**28.15**	25.60
Phosphate and Potash Mixture	Salisbury	.....	.....	.....	.....	**.60**	.....	**12.50**	12.00	**5.34**	5.00	**14.36**	13.60
"S. P." Mixture	Salisbury	**2.92**	1.64	**3.33**	3.00	**.80**	.....	**8.60**	8.00	**9.68**	8.00	**28.06**	24.80
"S. P." Mixture	Hurlock	**2.97**	1.64	**3.50**	3.00	**.70**	.....	**8.60**	8.00	**9.32**	8.00	**28.45**	24.80
Special Grain Fertilizer	Salisbury	**.93**	.50	**1.19**	1.00	**.35**	.....	**11.05**	10.00	**5.36**	5.00	**17.94**	16.00
Topdresser	Salisbury	**5.46**	5.75	**6.01**	6.00	**.35**	.....	**7.15**	6.00	**6.00**	6.00	**34.61**	33.60
Topdresser	Fruitland	**5.85**	5.75	**6.19**	6.00	**.35**	.....	**6.75**	6.00	**6.76**	6.00	**35.62**	33.60
E. S. Valliant & Son,													

E. S. Valliant & Son, Centreville, Md.													
Acid Phosphate	Centreville					.20		18.20	16.00			14.59	12.80
Corn Mixture	Centreville					.10		6.90	7.00	7.00	7.00	11.14	11.20
Favorite	Centreville	.84	.50	1.11	1.00	.65		9.65	9.00	5.42	5.00	16.60	15.20
Favorite	Centreville	.77	.50	1.37	1.00	1.95		10.15	9.00	5.08	5.00	17.95	15.20
Fish Mixture	Centreville	1.71	1.00	2.00	2.00	.45		9.75	9.00	6.50	6.00	21.07	20.00
Fish Mixture	Centreville	1.47	1.00	1.91	2.00	.65		10.65	9.00	6.00	6.00	21.06	20.00
5-10-5	Centreville	4.33	4.00	5.15	5.00	.85		11.85	10.00	5.18	5.00	34.35	32.00
5-10-5	Centreville	4.62	4.00	5.03	5.00	.30		10.20	10.00	5.53	5.00	32.75	32.00
Kainit	Centreville									13.60	12.40		
Keystone	Centreville	1.78	1.00	2.17	2.00	.50		9.90	8.00	5.34	5.00	20.95	18.40
Standard	Centreville	.72	.50	.99	1.00	.60		9.10	9.00	7.36	4.00	17.22	14.40
Truck Special	Centreville	3.45	3.00	3.93	4.00	.50		10.10	8.00	4.38	4.00	27.38	25.60
W. H. Valliant & Bro., Bellevue, Md.													
Fish Special	Bellevue	1.14		2.13	2.00	.80		8.40	8.00	6.40	6.00	20.48	19.20
Fish Special	Bellevue	1.26		2.13	2.00	.80		9.10	8.00	6.00	6.00	20.72	19.20
Magic Brand Fish Guano	Bellevue	7.11	1.00	8.22	7.00	.55		3.85	4.00	5.64	7.00	40.55	36.80
Virginia-Carolina Chemical Corp., Baltimore, Md.													
American H. G. Superphosphate	Baltimore					1.20		17.60	16.00			14.26	12.80
American H. G. Superphosphate	Baltimore					1.00		17.60	16.00			14.23	12.80
American H. G. Superphosphate	Baltimore					1.35		16.25	16.00			13.20	12.80
American H. G. Superphosphate	Baltimore					.85		16.55	16.00			13.37	12.80
American Champion Grain Grower	Baltimore	.76	.49	1.02	1.00	.60		9.70	9.00	4.24	4.00	15.32	14.40
American Champion Grain Grower	Baltimore	.82	.49	1.25	1.00	.90		10.00	9.00	4.00	4.00	16.34	14.40
American Excelsior Guano	Baltimore	1.77	.78	2.13	2.00	1.10		9.30	8.00	5.24	5.00	20.32	18.40
American Excelsior Guano	Baltimore	1.64	.78	1.98	2.00	1.15		9.25	8.00	5.60	5.00	19.97	18.40
American Excelsior Guano	Baltimore	1.65	.78	2.03	2.00	1.35		9.35	8.00	5.66	5.00	20.33	18.40
American Fish and Potash Compound	Baltimore	1.60	.78	2.20	2.00	1.70		10.00	9.00	3.32	3.00	19.72	17.60
American Fish and Potash Compound	Pylesville	1.60	.78	2.20	2.00	2.75		9.75	9.00	3.30	3.00	19.65	17.60
American Gilt Edge Truck Mixture	Baltimore	3.67	2.25	4.18	4.00	1.05		8.95	8.00	7.20	7.00	29.80	28.00
American Gilt Edge Truck Mixture	Pylesville	3.91	2.25	4.42	4.00	1.20		9.00	8.00	8.28	7.00	31.68	28.00
American 7-6-5 Fertilizer	Baltimore	5.58	4.20	6.57	7.00	1.25		7.15	6.00	5.20	5.00	36.35	36.80
American 7-6-5	Baltimore	5.31	4.20	6.64	7.00	1.30		7.40	6.00	5.24	5.00	36.87	36.80
American Truckers Special	Baltimore	4.49	3.52	4.95	5.00	1.15		9.45	8.00	5.36	5.00	31.82	30.40
American Truckers Special	Baltimore	4.05	3.52	4.85	5.00	.75		9.95	8.00	5.60	5.00	31.95	30.40
American Truckers Special	Baltimore	4.44	2.97	5.00	5.00	1.43		8.92	8.00	6.14	5.00	32.27	30.40
American Truckers Special	Baltimore	4.59	2.97	5.00	5.00	2.10		9.40	8.00	5.54	5.00	32.27	30.40
American Truckers Special	Baltimore	4.57	2.97	5.00	5.00	1.80		9.70	8.00	5.28	5.00	32.25	30.40

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		SUPERPHOSPHATE				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Virginia-Carolina Chemical Corp., Baltimore, Md. (Continued)													
V-C Fairway Fertilizer	Baltimore	**5.28**	5.29	**6.90**	8.00	**.75**	.....	**7.85**	6.00	**5.34**	5.00	$38.26	$40.80
V-C Fairway Fertilizer	Baltimore	**4.89**	5.29	**6.48**	8.00	**.80**	.....	**9.80**	6.00	**5.38**	5.00	**38.18**	40.80
V-C Fish, Bone and Potash	Baltimore	**1.45**	.78	**1.98**	2.00	**1.25**	.....	**10.05**	9.00	**3.25**	3.00	**18.75**	17.60
Genuine Imported Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**12.80**	12.40	.....	.....
Genuine Imported Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**12.44**	12.40	.....	.....
Genuine Imported Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**13.50**	12.40	.....	.....
Muriate of Potash	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**12.56**	12.40	.....	.....
V-C Star Brand Fertilizer	Baltimore	**.58**	.31	**1.13**	1.00	**1.80**	.....	**10.10**	9.00	**4.28**	4.00	**16.29**	14.40
V-C Tobacco Bed Special	Baltimore	**9.72**	5.00	**9.99**	10.00	**.20**	.....	**6.30**	5.00	.....	.....	**45.03**	44.00
V-C Tobacco Bed Special	Baltimore	**9.42**	5.00	**9.73**	10.00	**.15**	.....	**5.65**	5.00	.....	.....	**43.46**	44.00
V-C Tobacco Bed Special	Baltimore	**9.39**	5.00	**9.70**	10.00	**.20**	.....	**6.00**	5.00	.....	.....	**43.63**	44.00
V-C Virginia Trucker	Baltimore	**4.37**	2.97	**5.00**	5.00	**1.45**	.....	**9.55**	8.00	**5.80**	5.00	**32.50**	30.40
V-C XXXX Fish and Potash	Baltimore	**3.45**	.....	**4.03**	4.00	**1.25**	.....	**8.65**	8.00	**4.70**	4.00	**26.99**	25.60
Westminster Fertilizer Company, Westminster, Md.													
Superphosphate	Westminster	.....	.....	.....	.....	**.30**	.....	**17.10**	16.00	.....	.....	**13.73**	12.80
Leader	Westminster	**.87**	.49	**1.16**	1.00	**.30**	.....	**9.90**	9.00	**4.30**	4.00	**16.05**	14.40
Super-A	Westminster	**.69**	.49	**1.01**	1.00	**.20**	.....	**11.50**	10.00	**2.38**	2.00	**15.17**	13.60
2-8-5	Westminster	**1.28**	1.00	**1.71**	2.00	**.20**	.....	**8.40**	8.00	**5.80**	5.00	**18.23**	18.40
Worcester County Farm Bureau, Snow Hill, Md.													
Accomac Peninsula King	Snow Hill	**4.65**	3.99	**5.43**	5.00	**.70**	.....	**8.30**	8.00	**5.26**	5.00	**32.68**	30.40
Jumbo Potato Grower	Snow Hill	**6.40**	3.49	**7.13**	7.00	**.90**	.....	**6.40**	6.00	**5.12**	5.00	**37.88**	36.80
Jumbo Potato Grower	Snow Hill	**6.04**	3.49	**6.76**	7.00	**1.00**	.....	**6.90**	6.00	**5.08**	5.00	**36.77**	36.80
Worcester Fertilizer Company, Snow Hill, Md.													
Correct Plant Food Mixture 5-8-5	Snow Hill	**4.28**	3.34	**5.17**	5.00	**.55**	.....	**8.85**	8.00	**6.00**	5.00	**32.64**	30.40
Correct Plant Food Mixture 5-8-5	Snow Hill	**4.31**	3.34	**5.20**	5.00	**.55**	.....	**8.65**	8.00	**5.40**	5.00	**32.12**	30.40
Correct Plant Food Mixture 1-9-4	Snow Hill	**1.13**	.33	**1.42**	1.00	**.30**	.....	**9.00**	9.00	**4.56**	4.00	**16.78**	14.40

Correct Plant Food Mixture 5-8-5	Snow Hill	**4.31**	3.34	**5.20**	5.00	**.55**		**8.85**	8.00	**6.00**	5.00	**32.64**	30.40
		8.65	8.00	**5.40**	5.00	**32.12**	30.40
Correct Plant Food Mixture 1-9-4	Snow Hill	**1.13**	.33	**1.42**	1.00	**.30**		**9.00**	9.00	**4.56**	4.00	**16.78**	14.40
Correct Plant Food Mixture 7-6-5	Snow Hill	**5.60**	4.81	**7.05**	7.00	**.65**		**7.05**	6.00	**5.64**	5.00	**38.45**	36.80
Correct Plant Food Mixture 3-8-8	Snow Hill	**2.36**	1.00	**2.99**	3.00	**.55**		**9.25**	8.00	**8.60**	8.00	**26.32**	24.80
Correct Plant Food Mixture 0-12-5	Snow Hill					**.25**		**12.45**	12.00	**5.04**	5.00	**14.03**	13.60
Correct Plant Food Mixture 2-8-5	Snow Hill	**1.57**	1.37	**2.15**	2.00	**.35**		**8.05**	8.00	**5.48**	5.00	**19.47**	18.40
R. B. Wyand, Chewsville, Md.													
Superphosphate H. G.	Chewsville					**.60**		**17.50**	16.00			**14.09**	12.80
Golden Harvest	Chewsville	**1.62**		**2.00**	2.00	**.70**		**10.50**	10.00	**5.12**	5.00	**20.61**	20.00
Grain Mixture	Chewsville	**.79**		**1.20**	1.00	**.60**		**10.00**	9.00	**4.34**	4.00	**16.36**	14.40
Muriate of Potash	Chewsville									**52.10**	50.00		
Nitrate of Soda	Chewsville			**18.94**	18.50								
Perfection Brand	Chewsville	**3.65**		**4.06**	4.00	**1.30**		**8.70**	8.00	**8.00**	7.00	**29.80**	28.00
Perfection Brand	Chewsville	**3.69**		**4.10**	4.00	**.80**		**8.70**	8.00	**7.64**	7.00	**29.59**	28.00
Phosphate and Potash Mixture	Chewsville					**.70**		**12.90**	12.00	**5.08**	5.00	**14.49**	13.60
Potato and Garden Mixture	Chewsville	**2.61**		**2.90**	3.00	**1.20**		**8.40**	8.00	**8.64**	8.00	**25.41**	24.80
Potato and Garden Mixture	Chewsville	**2.70**		**3.09**	3.00	**1.10**		**8.70**	8.00	**8.40**	8.00	**26.21**	24.80